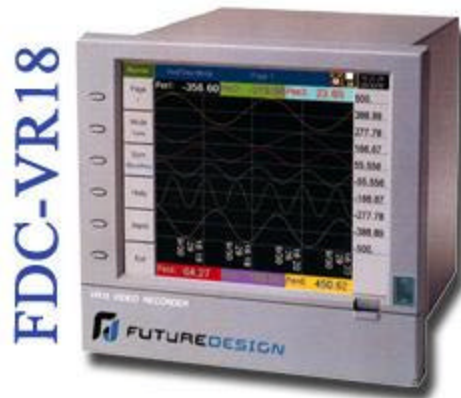


Paperless Recorders VR06-18

Modbus Communication Manual



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1. Input Register Parameter Table

| Address | Notation | Parameter | Scale Low | Scale High | Notes |
|---------|----------|--|--------------|---------------|-------|
| 0 | AI1PV | AI1 process value | *1 | *1 | R |
| 1 | AI2PV | AI2 process value | *1 | *1 | R |
| 2 | AI3PV | AI3 process value | *1 | *1 | R |
| 3 | AI4PV | AI4 process value | *1 | *1 | R |
| 4 | AI5PV | AI5 process value | *1 | *1 | R |
| 5 | AI6PV | AI6 process value | *1 | *1 | R |
| 6 | AI7PV | AI7 process value | *1 | *1 | R |
| 7 | AI8PV | AI8 process value | *1 | *1 | R |
| 8 | AI9PV | AI9 process value | *1 | *1 | R |
| 9 | AI10PV | AI10 process value | *1 | *1 | R |
| 10 | AI11PV | AI11 process value | *1 | *1 | R |
| 11 | AI12PV | AI12 process value | *1 | *1 | R |
| 12 | AI13PV | AI13 process value | *1 | *1 | R |
| 13 | AI14PV | AI14 process value | *1 | *1 | R |
| 14 | AI15PV | AI15 process value | *1 | *1 | R |
| 15 | AI16PV | AI16 process value | *1 | *1 | R |
| 16 | AI17PV | AI17 process value | *1 | *1 | R |
| 17 | AI18PV | AI18 process value | *1 | *1 | R |
| 18 | MA1PV | Math1 process value | *2 | *2 | R |
| 19 | MA2PV | Math2 process value | *2 | *2 | R |
| 20 | MA3PV | Math3 process value | *2 | *2 | R |
| 21 | MA4PV | Math4 process value | *2 | *2 | R |
| 22 | MA5PV | Math5 process value | *2 | *2 | R |
| 23 | MA6PV | Math6 process value | *2 | *2 | R |
| 24 | MA7PV | Math7 process value | *2 | *2 | R |
| 25 | MA8PV | Math8 process value | *2 | *2 | R |
| 26 | MA9PV | Math9 process value | *2 | *2 | R |
| 27 | MA10PV | Math10 process value | *2 | *2 | R |
| 28 | MA11PV | Math11 process value | *2 | *2 | R |
| 29 | MA12PV | Math12 process value | *2 | *2 | R |
| 30 | MA13PV | Math13 process value | *2 | *2 | R |
| 31 | MA14PV | Math14 process value | *2 | *2 | R |
| 32 | MA15PV | Math15 process value | *2 | *2 | R |
| 33 | MA16PV | Math16 process value | *2 | *2 | R |
| 34 | MA17PV | Math17 process value | *2 | *2 | R |
| 35 | MA18PV | Math18 process value | *2 | *2 | R |
| 36 | CFCGF | Any AI or Math parameter change flag | 0 | 65535 | R |
| 37 | TZ1PVH | Totalizer 1 process value high word *6 | *4 | *4 | R |
| 38 | TZ1PVL | Totalizer 1 process value low word *6 | *4 | *4 | R |
| 39 | TZ2PVH | Totalizer 2 process value high word *6 | *4 | *4 | R |
| 40 | TZ2PVL | Totalizer 2 process value low word *6 | *4 | *4 | R |
| 41 | TZ3PVH | Totalizer 3 process value high word *6 | *4 | *4 | R |
| 42 | TZ3PVL | Totalizer 3 process value low word *6 | *4 | *4 | R |
| 43 | TZ4PVH | Totalizer 4 process value high word *6 | *4 | *4 | R |
| 44 | TZ4PVL | Totalizer 4 process value low word *6 | *4 | *4 | R |
| 45 | TZ5PVH | Totalizer 5 process value high word *6 | *4 | *4 | R |

| | | | | | | |
|----|------------|--------------------------------------|----|----|-------|---|
| 46 | TZ5PVL | Totalizer 5 process value low word | *6 | *4 | *4 | R |
| 47 | TZ6PVH | Totalizer 6 process value high word | *6 | *4 | *4 | R |
| 48 | TZ6PVL | Totalizer 6 process value low word | *6 | *4 | *4 | R |
| 49 | TZ7PVH | Totalizer 7 process value high word | *6 | *4 | *4 | R |
| 50 | TZ7PVL | Totalizer 7 process value low word | *6 | *4 | *4 | R |
| 51 | TZ8PVH | Totalizer 8 process value high word | *6 | *4 | *4 | R |
| 52 | TZ8PVL | Totalizer 8 process value low word | *6 | *4 | *4 | R |
| 53 | TZ9PVH | Totalizer 9 process value high word | *6 | *4 | *4 | R |
| 54 | TZ9PVL | Totalizer 9 process value low word | *6 | *4 | *4 | R |
| 55 | TZ10PVH | Totalizer 10 process value high word | *6 | *4 | *4 | R |
| 56 | TZ10PVL | Totalizer 10 process value low word | *6 | *4 | *4 | R |
| 57 | TZ11PVH | Totalizer 11 process value high word | *6 | *4 | *4 | R |
| 58 | TZ11PVL | Totalizer 11 process value low word | *6 | *4 | *4 | R |
| 59 | TZ12PVH | Totalizer 12 process value high word | *6 | *4 | *4 | R |
| 60 | TZ12PVL | Totalizer 12 process value low word | *6 | *4 | *4 | R |
| 61 | TZ13PVH | Totalizer 13 process value high word | *6 | *4 | *4 | R |
| 62 | TZ13PVL | Totalizer 13 process value low word | *6 | *4 | *4 | R |
| 63 | TZ14PVH | Totalizer 14 process value high word | *6 | *4 | *4 | R |
| 64 | TZ14PVL | Totalizer 14 process value low word | *6 | *4 | *4 | R |
| 65 | TZ15PVH | Totalizer 15 process value high word | *6 | *4 | *4 | R |
| 66 | TZ15PVL | Totalizer 15 process value low word | *6 | *4 | *4 | R |
| 67 | TZ16PVH | Totalizer 16 process value high word | *6 | *4 | *4 | R |
| 68 | TZ16PVL | Totalizer 16 process value low word | *6 | *4 | *4 | R |
| 69 | TZ17PVH | Totalizer 17 process value high word | *6 | *4 | *4 | R |
| 70 | TZ17PVL | Totalizer 17 process value low word | *6 | *4 | *4 | R |
| 71 | TZ18PVH | Totalizer 18 process value high word | *6 | *4 | *4 | R |
| 72 | TZ18PVL | Totalizer 18 process value low word | *6 | *4 | *4 | R |
| 73 | CT1PV | Counter 1 process value | *6 | 0 | 65535 | R |
| 74 | CT2PV | Counter 2 process value | *6 | 0 | 65535 | R |
| 75 | CT3PV | Counter 3 process value | *6 | 0 | 65535 | R |
| 76 | CT4PV | Counter 4 process value | *6 | 0 | 65535 | R |
| 77 | CT5PV | Counter 5 process value | *6 | 0 | 65535 | R |
| 78 | CT6PV | Counter 6 process value | *6 | 0 | 65535 | R |
| 79 | DI1-16PV | DI 1~ 16 process value | *6 | 0 | 65535 | R |
| 80 | DI17-32PV | DI 17~ 32 process value | *6 | 0 | 65535 | R |
| 81 | DI133-36PV | DI 33~ 36 process value | *6 | 0 | 65535 | R |
| 82 | DO1-16PV | DO 1~ 16 process value | *6 | 0 | 65535 | R |
| 83 | DO17-32PV | DO 17~ 32 process value | *6 | 0 | 65535 | R |
| 84 | DO33-36PV | DO 33~ 36 process value | *6 | 0 | 65535 | R |
| 85 | AO1PV | AO1 process value (decimal point:3) | | *2 | *2 | R |
| 86 | AO2PV | AO2 process value (decimal point:3) | | *2 | *2 | R |
| 87 | AO3PV | AO3 process value (decimal point:3) | | *2 | *2 | R |
| 88 | AO4PV | AO4 process value (decimal point:3) | | *2 | *2 | R |
| 89 | AO5PV | AO5 process value (decimal point:3) | | *2 | *2 | R |
| 90 | AO6PV | AO6 process value (decimal point:3) | | *2 | *2 | R |
| 91 | AO7PV | AO7 process value (decimal point:3) | | *2 | *2 | R |
| 92 | AO8PV | AO8 process value (decimal point:3) | | *2 | *2 | R |
| 93 | AO9PV | AO9 process value (decimal point:3) | | *2 | *2 | R |

2. Holding Register Parameter Table

| Address | Notation | Parameter | Scale Low | Scale High | Notes |
|---------|----------|----------------------|--------------|---------------|-------|
| 0 | VER | Version | 0 | 65535 | R |
| 1 | PLUS | Plus mode | 0 | 65535 | R |
| 2 | AI1DP | AI1 decimal point | 0 | 65535 | R/W |
| 3 | AI2DP | AI2 decimal point | 0 | 65535 | R/W |
| 4 | AI3DP | AI3 decimal point | 0 | 65535 | R/W |
| 5 | AI4DP | AI4 decimal point | 0 | 65535 | R/W |
| 6 | AI5DP | AI5 decimal point | 0 | 65535 | R/W |
| 7 | AI6DP | AI6 decimal point | 0 | 65535 | R/W |
| 8 | AI7DP | AI7 decimal point | 0 | 65535 | R/W |
| 9 | AI8DP | AI8 decimal point | 0 | 65535 | R/W |
| 10 | AI9DP | AI9 decimal point | 0 | 65535 | R/W |
| 11 | AI10DP | AI10 decimal point | 0 | 65535 | R/W |
| 12 | AI11DP | AI11 decimal point | 0 | 65535 | R/W |
| 13 | AI12DP | AI12 decimal point | 0 | 65535 | R/W |
| 14 | AI13DP | AI13 decimal point | 0 | 65535 | R/W |
| 15 | AI14DP | AI14 decimal point | 0 | 65535 | R/W |
| 16 | AI15DP | AI15 decimal point | 0 | 65535 | R/W |
| 17 | AI16DP | AI16 decimal point | 0 | 65535 | R/W |
| 18 | AI17DP | AI17 decimal point | 0 | 65535 | R/W |
| 19 | AI18DP | AI18 decimal point | 0 | 65535 | R/W |
| 20 | MA1DP | Math1 decimal point | 0 | 65535 | R/W |
| 21 | MA2DP | Math2 decimal point | 0 | 65535 | R/W |
| 22 | MA3DP | Math3 decimal point | 0 | 65535 | R/W |
| 23 | MA4DP | Math4 decimal point | 0 | 65535 | R/W |
| 24 | MA5DP | Math5 decimal point | 0 | 65535 | R/W |
| 25 | MA6DP | Math6 decimal point | 0 | 65535 | R/W |
| 26 | MA7DP | Math7 decimal point | 0 | 65535 | R/W |
| 27 | MA8DP | Math8 decimal point | 0 | 65535 | R/W |
| 28 | MA9DP | Math9 decimal point | 0 | 65535 | R/W |
| 29 | MA10DP | Math10 decimal point | 0 | 65535 | R/W |
| 30 | MA11DP | Math11 decimal point | 0 | 65535 | R/W |
| 31 | MA12DP | Math12 decimal point | 0 | 65535 | R/W |
| 32 | MA13DP | Math13 decimal point | 0 | 65535 | R/W |
| 33 | MA14DP | Math14 decimal point | 0 | 65535 | R/W |
| 34 | MA15DP | Math15 decimal point | 0 | 65535 | R/W |
| 35 | MA16DP | Math16 decimal point | 0 | 65535 | R/W |
| 36 | MA17DP | Math17 decimal point | 0 | 65535 | R/W |
| 37 | MA18DP | Math18 decimal point | 0 | 65535 | R/W |
| 38 | AI1FN | AI1 function no | 0 | 65535 | R |
| 39 | AI2FN | AI2 function no | 0 | 65535 | R |
| 40 | AI3FN | AI3 function no | 0 | 65535 | R |
| 41 | AI4FN | AI4 function no | 0 | 65535 | R |
| 42 | AI5FN | AI5 function no | 0 | 65535 | R |
| 43 | AI6FN | AI6 function no | 0 | 65535 | R |
| 44 | AI7FN | AI7 function no | 0 | 65535 | R |
| 45 | AI8FN | AI8 function no | 0 | 65535 | R |

| | | | | | |
|----|--------|------------------|----|-------|-----|
| 46 | AI9FN | AI9 function no | 0 | 65535 | R |
| 47 | AI10FN | AI1 function no | 0 | 65535 | R |
| 48 | AI11FN | AI11 function no | 0 | 65535 | R |
| 49 | AI12FN | AI12 function no | 0 | 65535 | R |
| 50 | AI13FN | AI13 function no | 0 | 65535 | R |
| 51 | AI14FN | AI14 function no | 0 | 65535 | R |
| 52 | AI15FN | AI15 function no | 0 | 65535 | R |
| 53 | AI16FN | AI16 function no | 0 | 65535 | R |
| 54 | AI17FN | AI17 function no | 0 | 65535 | R |
| 55 | AI18FN | AI18 function no | 0 | 65535 | R |
| 56 | MA1EN | Math1 enable | 0 | 65535 | R/W |
| 57 | MA2EN | Math2 enable | 0 | 65535 | R/W |
| 58 | MA3EN | Math3 enable | 0 | 65535 | R/W |
| 59 | MA4EN | Math4 enable | 0 | 65535 | R/W |
| 60 | MA5EN | Math5 enable | 0 | 65535 | R/W |
| 61 | MA6EN | Math6 enable | 0 | 65535 | R/W |
| 62 | MA7EN | Math7 enable | 0 | 65535 | R/W |
| 63 | MA8EN | Math8 enable | 0 | 65535 | R/W |
| 64 | MA9EN | Math9 enable | 0 | 65535 | R/W |
| 65 | MA10EN | Math10 enable | 0 | 65535 | R/W |
| 66 | MA11EN | Math11 enable | 0 | 65535 | R/W |
| 67 | MA12EN | Math12 enable | 0 | 65535 | R/W |
| 68 | MA13EN | Math13 enable | 0 | 65535 | R/W |
| 69 | MA14EN | Math14 enable | 0 | 65535 | R/W |
| 70 | MA15EN | Math15 enable | 0 | 65535 | R/W |
| 71 | MA16EN | Math16 enable | 0 | 65535 | R/W |
| 72 | MA17EN | Math17 enable | 0 | 65535 | R/W |
| 73 | MA18EN | Math18 enable | 0 | 65535 | R/W |
| 74 | AI1SL | AI1 scale low | *1 | *1 | R/W |
| 75 | AI2SL | AI2 scale low | *1 | *1 | R/W |
| 76 | AI3SL | AI3 scale low | *1 | *1 | R/W |
| 77 | AI4SL | AI4 scale low | *1 | *1 | R/W |
| 78 | AI5SL | AI5 scale low | *1 | *1 | R/W |
| 79 | AI6SL | AI6 scale low | *1 | *1 | R/W |
| 80 | AI7SL | AI7 scale low | *1 | *1 | R/W |
| 81 | AI8SL | AI8 scale low | *1 | *1 | R/W |
| 82 | AI9SL | AI9 scale low | *1 | *1 | R/W |
| 83 | AI10SL | AI10 scale low | *1 | *1 | R/W |
| 84 | AI11SL | AI11 scale low | *1 | *1 | R/W |
| 85 | AI12SL | AI12 scale low | *1 | *1 | R/W |
| 86 | AI13SL | AI13 scale low | *1 | *1 | R/W |
| 87 | AI14SL | AI14 scale low | *1 | *1 | R/W |
| 88 | AI15SL | AI15 scale low | *1 | *1 | R/W |
| 89 | AI16SL | AI16 scale low | *1 | *1 | R/W |
| 90 | AI17SL | AI17 scale low | *1 | *1 | R/W |
| 91 | AI18SL | AI18 scale low | *1 | *1 | R/W |
| 92 | MA1RL | Math1 range low | *2 | *2 | R/W |
| 93 | MA2RL | Math2 range low | *2 | *2 | R/W |
| 94 | MA3RL | Math3 range low | *2 | *2 | R/W |

| | | | | | |
|-----|--------|-------------------|----|----|-----|
| 95 | MA4RL | Math4 range low | *2 | *2 | R/W |
| 96 | MA5RL | Math5 range low | *2 | *2 | R/W |
| 97 | MA6RL | Math6 range low | *2 | *2 | R/W |
| 98 | MA7RL | Math7 range low | *2 | *2 | R/W |
| 99 | MA8RL | Math8 range low | *2 | *2 | R/W |
| 100 | MA9RL | Math9 range low | *2 | *2 | R/W |
| 101 | MA10RL | Math10 range low | *2 | *2 | R/W |
| 102 | MA11RL | Math11 range low | *2 | *2 | R/W |
| 103 | MA12RL | Math12 range low | *2 | *2 | R/W |
| 104 | MA13RL | Math13 range low | *2 | *2 | R/W |
| 105 | MA14RL | Math14 range low | *2 | *2 | R/W |
| 106 | MA15RL | Math15 range low | *2 | *2 | R/W |
| 107 | MA16RL | Math16 range low | *2 | *2 | R/W |
| 108 | MA17RL | Math17 range low | *2 | *2 | R/W |
| 109 | MA18RL | Math18 range low | *2 | *2 | R/W |
| 110 | AI1SH | AI1 scale high | *1 | *1 | R/W |
| 111 | AI2SH | AI2 scale high | *1 | *1 | R/W |
| 112 | AI3SH | AI3 scale high | *1 | *1 | R/W |
| 113 | AI4SH | AI4 scale high | *1 | *1 | R/W |
| 114 | AI5SH | AI5 scale high | *1 | *1 | R/W |
| 115 | AI6SH | AI6 scale high | *1 | *1 | R/W |
| 116 | AI7SH | AI7 scale high | *1 | *1 | R/W |
| 117 | AI8SH | AI8 scale high | *1 | *1 | R/W |
| 118 | AI9SH | AI9 scale high | *1 | *1 | R/W |
| 119 | AI10SH | AI10 scale high | *1 | *1 | R/W |
| 120 | AI11SH | AI11 scale high | *1 | *1 | R/W |
| 121 | AI12SH | AI12 scale high | *1 | *1 | R/W |
| 122 | AI13SH | AI13 scale high | *1 | *1 | R/W |
| 123 | AI14SH | AI14 scale high | *1 | *1 | R/W |
| 124 | AI15SH | AI15 scale high | *1 | *1 | R/W |
| 125 | AI16SH | AI16 scale high | *1 | *1 | R/W |
| 126 | AI17SH | AI17 scale high | *1 | *1 | R/W |
| 127 | AI18SH | AI18 scale high | *1 | *1 | R/W |
| 128 | MA1RH | Math1 range high | *2 | *2 | R/W |
| 129 | MA2RH | Math2 range high | *2 | *2 | R/W |
| 130 | MA3RH | Math3 range high | *2 | *2 | R/W |
| 131 | MA4RH | Math4 range high | *2 | *2 | R/W |
| 132 | MA5RH | Math5 range high | *2 | *2 | R/W |
| 133 | MA6RH | Math6 range high | *2 | *2 | R/W |
| 134 | MA7RH | Math7 range high | *2 | *2 | R/W |
| 135 | MA8RH | Math8 range high | *2 | *2 | R/W |
| 136 | MA9RH | Math9 range high | *2 | *2 | R/W |
| 137 | MA10RH | Math10 range high | *2 | *2 | R/W |
| 138 | MA11RH | Math11 range high | *2 | *2 | R/W |
| 139 | MA12RH | Math12 range high | *2 | *2 | R/W |
| 140 | MA13RH | Math13 range high | *2 | *2 | R/W |
| 141 | MA14RH | Math14 range high | *2 | *2 | R/W |
| 142 | MA15RH | Math15 range high | *2 | *2 | R/W |
| 143 | MA16RH | Math16 range high | *2 | *2 | R/W |

| | | | | | |
|-----|---------|--------------------|----|-------|-----|
| 144 | MA17RH | Math17 range high | *2 | *2 | R/W |
| 145 | MA18RH | Math18 range high | *2 | *2 | R/W |
| 146 | AI1UN1 | AI1 unit char 1~2 | 0 | 65535 | R/W |
| 147 | AI1UN2 | AI1 unit char 3~4 | 0 | 65535 | R/W |
| 148 | AI1UN3 | AI1 unit char 5~6 | 0 | 65535 | R/W |
| 149 | AI2UN1 | AI2 unit char 1~2 | 0 | 65535 | R/W |
| 150 | AI2UN2 | AI2 unit char 3~4 | 0 | 65535 | R/W |
| 151 | AI2UN3 | AI2 unit char 5~6 | 0 | 65535 | R/W |
| 152 | AI3UN1 | AI3 unit char 1~2 | 0 | 65535 | R/W |
| 153 | AI3UN2 | AI3 unit char 3~4 | 0 | 65535 | R/W |
| 154 | AI3UN3 | AI3 unit char 5~6 | 0 | 65535 | R/W |
| 155 | AI4UN1 | AI4 unit char 1~2 | 0 | 65535 | R/W |
| 156 | AI4UN2 | AI4 unit char 3~4 | 0 | 65535 | R/W |
| 157 | AI4UN3 | AI4 unit char 5~6 | 0 | 65535 | R/W |
| 158 | AI5UN1 | AI5 unit char 1~2 | 0 | 65535 | R/W |
| 159 | AI5UN2 | AI5 unit char 3~4 | 0 | 65535 | R/W |
| 160 | AI5UN3 | AI5 unit char 5~6 | 0 | 65535 | R/W |
| 161 | AI6UN1 | AI6 unit char 1~2 | 0 | 65535 | R/W |
| 162 | AI6UN2 | AI6 unit char 3~4 | 0 | 65535 | R/W |
| 163 | AI6UN3 | AI6 unit char 5~6 | 0 | 65535 | R/W |
| 164 | AI7UN1 | AI7 unit char 1~2 | 0 | 65535 | R/W |
| 165 | AI7UN2 | AI7 unit char 3~4 | 0 | 65535 | R/W |
| 166 | AI7UN3 | AI7 unit char 5~6 | 0 | 65535 | R/W |
| 167 | AI8UN1 | AI8 unit char 1~2 | 0 | 65535 | R/W |
| 168 | AI8UN2 | AI8 unit char 3~4 | 0 | 65535 | R/W |
| 169 | AI8UN3 | AI8 unit char 5~6 | 0 | 65535 | R/W |
| 170 | AI9UN1 | AI9 unit char 1~2 | 0 | 65535 | R/W |
| 171 | AI9UN2 | AI9 unit char 3~4 | 0 | 65535 | R/W |
| 172 | AI9UN3 | AI9 unit char 5~6 | 0 | 65535 | R/W |
| 173 | AI10UN1 | AI10 unit char 1~2 | 0 | 65535 | R/W |
| 174 | AI10UN2 | AI10 unit char 3~4 | 0 | 65535 | R/W |
| 175 | AI10UN3 | AI10 unit char 5~6 | 0 | 65535 | R/W |
| 176 | AI11UN1 | AI11 unit char 1~2 | 0 | 65535 | R/W |
| 177 | AI11UN2 | AI11 unit char 3~4 | 0 | 65535 | R/W |
| 178 | AI11UN3 | AI11 unit char 5~6 | 0 | 65535 | R/W |
| 179 | AI12UN1 | AI12 unit char 1~2 | 0 | 65535 | R/W |
| 180 | AI12UN2 | AI12 unit char 3~4 | 0 | 65535 | R/W |
| 181 | AI12UN3 | AI12 unit char 5~6 | 0 | 65535 | R/W |
| 182 | AI13UN1 | AI13 unit char 1~2 | 0 | 65535 | R/W |
| 183 | AI13UN2 | AI13 unit char 3~4 | 0 | 65535 | R/W |
| 184 | AI13UN3 | AI13 unit char 5~6 | 0 | 65535 | R/W |
| 185 | AI14UN1 | AI14 unit char 1~2 | 0 | 65535 | R/W |
| 186 | AI14UN2 | AI14 unit char 3~4 | 0 | 65535 | R/W |
| 187 | AI14UN3 | AI14 unit char 5~6 | 0 | 65535 | R/W |
| 188 | AI15UN1 | AI15 unit char 1~2 | 0 | 65535 | R/W |
| 189 | AI15UN2 | AI15 unit char 3~4 | 0 | 65535 | R/W |
| 190 | AI15UN3 | AI15 unit char 5~6 | 0 | 65535 | R/W |
| 191 | AI16UN1 | AI16 unit char 1~2 | 0 | 65535 | R/W |
| 192 | AI16UN2 | AI16 unit char 3~4 | 0 | 65535 | R/W |

| | | | | | |
|-----|---------|----------------------|---|-------|-----|
| 193 | AI16UN3 | AI16 unit char 5~6 | 0 | 65535 | R/W |
| 194 | AI17UN1 | AI17 unit char 1~2 | 0 | 65535 | R/W |
| 195 | AI17UN2 | AI17 unit char 3~4 | 0 | 65535 | R/W |
| 196 | AI17UN3 | AI17 unit char 5~6 | 0 | 65535 | R/W |
| 197 | AI18UN1 | AI18 unit char 1~2 | 0 | 65535 | R/W |
| 198 | AI18UN2 | AI18 unit char 3~4 | 0 | 65535 | R/W |
| 199 | AI18UN3 | AI18 unit char 5~6 | 0 | 65535 | R/W |
| 200 | MA1UN1 | Math1 unit char 1~2 | 0 | 65535 | R/W |
| 201 | MA1UN2 | Math1 unit char 3~4 | 0 | 65535 | R/W |
| 202 | MA1UN3 | Math1 unit char 5~6 | 0 | 65535 | R/W |
| 203 | MA2UN1 | Math2 unit char 1~2 | 0 | 65535 | R/W |
| 204 | MA2UN2 | Math2 unit char 3~4 | 0 | 65535 | R/W |
| 205 | MA2UN3 | Math2 unit char 5~6 | 0 | 65535 | R/W |
| 206 | MA3UN1 | Math3 unit char 1~2 | 0 | 65535 | R/W |
| 207 | MA3UN2 | Math3 unit char 3~4 | 0 | 65535 | R/W |
| 208 | MA3UN3 | Math3 unit char 5~6 | 0 | 65535 | R/W |
| 209 | MA4UN1 | Math4 unit char 1~2 | 0 | 65535 | R/W |
| 210 | MA4UN2 | Math4 unit char 3~4 | 0 | 65535 | R/W |
| 211 | MA4UN3 | Math4 unit char 5~6 | 0 | 65535 | R/W |
| 212 | MA5UN1 | Math5 unit char 1~2 | 0 | 65535 | R/W |
| 213 | MA5UN2 | Math5 unit char 3~4 | 0 | 65535 | R/W |
| 214 | MA5UN3 | Math5 unit char 5~6 | 0 | 65535 | R/W |
| 215 | MA6UN1 | Math6 unit char 1~2 | 0 | 65535 | R/W |
| 216 | MA6UN2 | Math6 unit char 3~4 | 0 | 65535 | R/W |
| 217 | MA6UN3 | Math6 unit char 5~6 | 0 | 65535 | R/W |
| 218 | MA7UN1 | Math7 unit char 1~2 | 0 | 65535 | R/W |
| 219 | MA7UN2 | Math7 unit char 3~4 | 0 | 65535 | R/W |
| 220 | MA7UN3 | Math7 unit char 5~6 | 0 | 65535 | R/W |
| 221 | MA8UN1 | Math8 unit char 1~2 | 0 | 65535 | R/W |
| 222 | MA8UN2 | Math8 unit char 3~4 | 0 | 65535 | R/W |
| 223 | MA8UN3 | Math8 unit char 5~6 | 0 | 65535 | R/W |
| 224 | MA9UN1 | Math9 unit char 1~2 | 0 | 65535 | R/W |
| 225 | MA9UN2 | Math9 unit char 3~4 | 0 | 65535 | R/W |
| 226 | MA9UN3 | Math9 unit char 5~6 | 0 | 65535 | R/W |
| 227 | MA10UN1 | Math10 unit char 1~2 | 0 | 65535 | R/W |
| 228 | MA10UN2 | Math10 unit char 3~4 | 0 | 65535 | R/W |
| 229 | MA10UN3 | Math10 unit char 5~6 | 0 | 65535 | R/W |
| 230 | MA11UN1 | Math11 unit char 1~2 | 0 | 65535 | R/W |
| 231 | MA11UN2 | Math11 unit char 3~4 | 0 | 65535 | R/W |
| 232 | MA11UN3 | Math11 unit char 5~6 | 0 | 65535 | R/W |
| 233 | MA12UN1 | Math12 unit char 1~2 | 0 | 65535 | R/W |
| 234 | MA12UN2 | Math12 unit char 3~4 | 0 | 65535 | R/W |
| 235 | MA12UN3 | Math12 unit char 5~6 | 0 | 65535 | R/W |
| 236 | MA13UN1 | Math13 unit char 1~2 | 0 | 65535 | R/W |
| 237 | MA13UN2 | Math13 unit char 3~4 | 0 | 65535 | R/W |
| 238 | MA13UN3 | Math13 unit char 5~6 | 0 | 65535 | R/W |
| 239 | MA14UN1 | Math14 unit char 1~2 | 0 | 65535 | R/W |
| 240 | MA14UN2 | Math14 unit char 3~4 | 0 | 65535 | R/W |
| 241 | MA14UN3 | Math14 unit char 5~6 | 0 | 65535 | R/W |

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|-----|---------|----------------------|---|-------|-----|
| 242 | MA15UN1 | Math15 unit char 1~2 | 0 | 65535 | R/W |
| 243 | MA15UN2 | Math15 unit char 3~4 | 0 | 65535 | R/W |
| 244 | MA15UN3 | Math15 unit char 5~6 | 0 | 65535 | R/W |
| 245 | MA16UN1 | Math16 unit char 1~2 | 0 | 65535 | R/W |
| 246 | MA16UN2 | Math16 unit char 3~4 | 0 | 65535 | R/W |
| 247 | MA16UN3 | Math16 unit char 5~6 | 0 | 65535 | R/W |
| 248 | MA17UN1 | Math17 unit char 1~2 | 0 | 65535 | R/W |
| 249 | MA17UN2 | Math17 unit char 3~4 | 0 | 65535 | R/W |
| 250 | MA17UN3 | Math17 unit char 5~6 | 0 | 65535 | R/W |
| 251 | MA18UN1 | Math18 unit char 1~2 | 0 | 65535 | R/W |
| 252 | MA18UN2 | Math18 unit char 3~4 | 0 | 65535 | R/W |
| 253 | MA18UN3 | Math18 unit char 5~6 | 0 | 65535 | R/W |
| 254 | A11NA1 | A11 name char 1~2 | 0 | 65535 | R/W |
| 255 | A11NA2 | A11 name char 3~4 | 0 | 65535 | R/W |
| 256 | A11NA3 | A11 name char 5~6 | 0 | 65535 | R/W |
| 257 | A12NA1 | A12 name char 1~2 | 0 | 65535 | R/W |
| 258 | A12NA2 | A12 name char 3~4 | 0 | 65535 | R/W |
| 259 | A12NA3 | A12 name char 5~6 | 0 | 65535 | R/W |
| 260 | A13NA1 | A13 name char 1~2 | 0 | 65535 | R/W |
| 261 | A13NA2 | A13 name char 3~4 | 0 | 65535 | R/W |
| 262 | A13NA3 | A13 name char 5~6 | 0 | 65535 | R/W |
| 263 | A14NA1 | A14 name char 1~2 | 0 | 65535 | R/W |
| 264 | A14NA2 | A14 name char 3~4 | 0 | 65535 | R/W |
| 265 | A14NA3 | A14 name char 5~6 | 0 | 65535 | R/W |
| 266 | A15NA1 | A15 name char 1~2 | 0 | 65535 | R/W |
| 267 | A15NA2 | A15 name char 3~4 | 0 | 65535 | R/W |
| 268 | A15NA3 | A15 name char 5~6 | 0 | 65535 | R/W |
| 269 | A16NA1 | A16 name char 1~2 | 0 | 65535 | R/W |
| 270 | A16NA2 | A16 name char 3~4 | 0 | 65535 | R/W |
| 271 | A16NA3 | A16 name char 5~6 | 0 | 65535 | R/W |
| 272 | A17NA1 | A17 name char 1~2 | 0 | 65535 | R/W |
| 273 | A17NA2 | A17 name char 3~4 | 0 | 65535 | R/W |
| 274 | A17NA3 | A17 name char 5~6 | 0 | 65535 | R/W |
| 275 | A18NA1 | A18 name char 1~2 | 0 | 65535 | R/W |
| 276 | A18NA2 | A18 name char 3~4 | 0 | 65535 | R/W |
| 277 | A18NA3 | A18 name char 5~6 | 0 | 65535 | R/W |
| 278 | A19NA1 | A19 name char 1~2 | 0 | 65535 | R/W |
| 279 | A19NA2 | A19 name char 3~4 | 0 | 65535 | R/W |
| 280 | A19NA3 | A19 name char 5~6 | 0 | 65535 | R/W |
| 281 | A110NA1 | A110 name char 1~2 | 0 | 65535 | R/W |
| 282 | A110NA2 | A110 name char 3~4 | 0 | 65535 | R/W |
| 283 | A110NA3 | A110 name char 5~6 | 0 | 65535 | R/W |
| 284 | A111NA1 | A111 name char 1~2 | 0 | 65535 | R/W |
| 285 | A111NA2 | A111 name char 3~4 | 0 | 65535 | R/W |
| 286 | A111NA3 | A111 name char 5~6 | 0 | 65535 | R/W |
| 287 | A112NA1 | A112 name char 1~2 | 0 | 65535 | R/W |
| 288 | A112NA2 | A112 name char 3~4 | 0 | 65535 | R/W |
| 289 | A112NA3 | A112 name char 5~6 | 0 | 65535 | R/W |
| 290 | A113NA1 | A113 name char 1~2 | 0 | 65535 | R/W |

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|-----|---------|----------------------|---|-------|-----|
| 291 | AI13NA2 | AI13 name char 3~4 | 0 | 65535 | R/W |
| 292 | AI13NA3 | AI13 name char 5~6 | 0 | 65535 | R/W |
| 293 | AI14NA1 | AI14 name char 1~2 | 0 | 65535 | R/W |
| 294 | AI14NA2 | AI14 name char 3~4 | 0 | 65535 | R/W |
| 295 | AI14NA3 | AI14 name char 5~6 | 0 | 65535 | R/W |
| 296 | AI15NA1 | AI15 name char 1~2 | 0 | 65535 | R/W |
| 297 | AI15NA2 | AI15 name char 3~4 | 0 | 65535 | R/W |
| 298 | AI15NA3 | AI15 name char 5~6 | 0 | 65535 | R/W |
| 299 | AI16NA1 | AI16 name char 1~2 | 0 | 65535 | R/W |
| 300 | AI16NA2 | AI16 name char 3~4 | 0 | 65535 | R/W |
| 301 | AI16NA3 | AI16 name char 5~6 | 0 | 65535 | R/W |
| 302 | AI17NA1 | AI17 name char 1~2 | 0 | 65535 | R/W |
| 303 | AI17NA2 | AI17 name char 3~4 | 0 | 65535 | R/W |
| 304 | AI17NA3 | AI17 name char 5~6 | 0 | 65535 | R/W |
| 305 | AI18NA1 | AI18 name char 1~2 | 0 | 65535 | R/W |
| 306 | AI18NA2 | AI18 name char 3~4 | 0 | 65535 | R/W |
| 307 | AI18NA3 | AI18 name char 5~6 | 0 | 65535 | R/W |
| 308 | MA1NA1 | Math1 name char 1~2 | 0 | 65535 | R/W |
| 309 | MA1NA2 | Math1 name char 3~4 | 0 | 65535 | R/W |
| 310 | MA1NA3 | Math1 name char 5~6 | 0 | 65535 | R/W |
| 311 | MA2NA1 | Math2 name char 1~2 | 0 | 65535 | R/W |
| 312 | MA2NA2 | Math2 name char 3~4 | 0 | 65535 | R/W |
| 313 | MA2NA3 | Math2 name char 5~6 | 0 | 65535 | R/W |
| 314 | MA3NA1 | Math3 name char 1~2 | 0 | 65535 | R/W |
| 315 | MA3NA2 | Math3 name char 3~4 | 0 | 65535 | R/W |
| 316 | MA3NA3 | Math3 name char 5~6 | 0 | 65535 | R/W |
| 317 | MA4NA1 | Math4 name char 1~2 | 0 | 65535 | R/W |
| 318 | MA4NA2 | Math4 name char 3~4 | 0 | 65535 | R/W |
| 319 | MA4NA3 | Math4 name char 5~6 | 0 | 65535 | R/W |
| 320 | MA5NA1 | Math5 name char 1~2 | 0 | 65535 | R/W |
| 321 | MA5NA2 | Math5 name char 3~4 | 0 | 65535 | R/W |
| 322 | MA5NA3 | Math5 name char 5~6 | 0 | 65535 | R/W |
| 323 | MA6NA1 | Math6 name char 1~2 | 0 | 65535 | R/W |
| 324 | MA6NA2 | Math6 name char 3~4 | 0 | 65535 | R/W |
| 325 | MA6NA3 | Math6 name char 5~6 | 0 | 65535 | R/W |
| 326 | MA7NA1 | Math7 name char 1~2 | 0 | 65535 | R/W |
| 327 | MA7NA2 | Math7 name char 3~4 | 0 | 65535 | R/W |
| 328 | MA7NA3 | Math7 name char 5~6 | 0 | 65535 | R/W |
| 329 | MA8NA1 | Math8 name char 1~2 | 0 | 65535 | R/W |
| 330 | MA8NA2 | Math8 name char 3~4 | 0 | 65535 | R/W |
| 331 | MA8NA3 | Math8 name char 5~6 | 0 | 65535 | R/W |
| 332 | MA9NA1 | Math9 name char 1~2 | 0 | 65535 | R/W |
| 333 | MA9NA2 | Math9 name char 3~4 | 0 | 65535 | R/W |
| 334 | MA9NA3 | Math9 name char 5~6 | 0 | 65535 | R/W |
| 335 | MA10NA1 | Math10 name char 1~2 | 0 | 65535 | R/W |
| 336 | MA10NA2 | Math10 name char 3~4 | 0 | 65535 | R/W |
| 337 | MA10NA3 | Math10 name char 5~6 | 0 | 65535 | R/W |
| 338 | MA11NA1 | Math11 name char 1~2 | 0 | 65535 | R/W |
| 339 | MA11NA2 | Math11 name char 3~4 | 0 | 65535 | R/W |

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|-----|---------|----------------------|---|-------|-----|
| 340 | MA11NA3 | Math11 name char 5~6 | 0 | 65535 | R/W |
| 341 | MA12NA1 | Math12 name char 1~2 | 0 | 65535 | R/W |
| 342 | MA12NA2 | Math12 name char 3~4 | 0 | 65535 | R/W |
| 343 | MA12NA3 | Math12 name char 5~6 | 0 | 65535 | R/W |
| 344 | MA13NA1 | Math13 name char 1~2 | 0 | 65535 | R/W |
| 345 | MA13NA2 | Math13 name char 3~4 | 0 | 65535 | R/W |
| 346 | MA13NA3 | Math13 name char 5~6 | 0 | 65535 | R/W |
| 347 | MA14NA1 | Math14 name char 1~2 | 0 | 65535 | R/W |
| 348 | MA14NA2 | Math14 name char 3~4 | 0 | 65535 | R/W |
| 349 | MA14NA3 | Math14 name char 5~6 | 0 | 65535 | R/W |
| 350 | MA15NA1 | Math15 name char 1~2 | 0 | 65535 | R/W |
| 351 | MA15NA2 | Math15 name char 3~4 | 0 | 65535 | R/W |
| 352 | MA15NA3 | Math15 name char 5~6 | 0 | 65535 | R/W |
| 353 | MA16NA1 | Math16 name char 1~2 | 0 | 65535 | R/W |
| 354 | MA16NA2 | Math16 name char 3~4 | 0 | 65535 | R/W |
| 355 | MA16NA3 | Math16 name char 5~6 | 0 | 65535 | R/W |
| 356 | MA17NA1 | Math17 name char 1~2 | 0 | 65535 | R/W |
| 357 | MA17NA2 | Math17 name char 3~4 | 0 | 65535 | R/W |
| 358 | MA17NA3 | Math17 name char 5~6 | 0 | 65535 | R/W |
| 359 | MA18NA1 | Math18 name char 1~2 | 0 | 65535 | R/W |
| 360 | MA18NA2 | Math18 name char 3~4 | 0 | 65535 | R/W |
| 361 | MA18NA3 | Math18 name char 5~6 | 0 | 65535 | R/W |
| 362 | AI1ME | AI1 log method | 0 | 65535 | R/W |
| 363 | AI2ME | AI2 log method | 0 | 65535 | R/W |
| 364 | AI3ME | AI3 log method | 0 | 65535 | R/W |
| 365 | AI4ME | AI4 log method | 0 | 65535 | R/W |
| 366 | AI5ME | AI5 log method | 0 | 65535 | R/W |
| 367 | AI6ME | AI6 log method | 0 | 65535 | R/W |
| 368 | AI7ME | AI7 log method | 0 | 65535 | R/W |
| 369 | AI8ME | AI8 log method | 0 | 65535 | R/W |
| 370 | AI9ME | AI9 log method | 0 | 65535 | R/W |
| 371 | AI10ME | AI10 log method | 0 | 65535 | R/W |
| 372 | AI11ME | AI11 log method | 0 | 65535 | R/W |
| 373 | AI12ME | AI12 log method | 0 | 65535 | R/W |
| 374 | AI13ME | AI13 log method | 0 | 65535 | R/W |
| 375 | AI14ME | AI14 log method | 0 | 65535 | R/W |
| 376 | AI15ME | AI15 log method | 0 | 65535 | R/W |
| 377 | AI16ME | AI16 log method | 0 | 65535 | R/W |
| 378 | AI17ME | AI17 log method | 0 | 65535 | R/W |
| 379 | AI18ME | AI18 log method | 0 | 65535 | R/W |
| 380 | MA1ME | Math1 log method | 0 | 65535 | R/W |
| 381 | MA2ME | Math2 log method | 0 | 65535 | R/W |
| 382 | MA3ME | Math3 log method | 0 | 65535 | R/W |
| 383 | MA4ME | Math4 log method | 0 | 65535 | R/W |
| 384 | MA5ME | Math5 log method | 0 | 65535 | R/W |
| 385 | MA6ME | Math6 log method | 0 | 65535 | R/W |
| 386 | MA7ME | Math7 log method | 0 | 65535 | R/W |
| 387 | MA8ME | Math8 log method | 0 | 65535 | R/W |
| 388 | MA9ME | Math9 log method | 0 | 65535 | R/W |

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|-----|--------|-------------------|----|-------|-----|
| 389 | MA10ME | Math10 log method | 0 | 65535 | R/W |
| 390 | MA11ME | Math11 log method | 0 | 65535 | R/W |
| 391 | MA12ME | Math12 log method | 0 | 65535 | R/W |
| 392 | MA13ME | Math13 log method | 0 | 65535 | R/W |
| 393 | MA14ME | Math14 log method | 0 | 65535 | R/W |
| 394 | MA15ME | Math15 log method | 0 | 65535 | R/W |
| 395 | MA16ME | Math16 log method | 0 | 65535 | R/W |
| 396 | MA17ME | Math17 log method | 0 | 65535 | R/W |
| 397 | MA18ME | Math18 log method | 0 | 65535 | R/W |
| 398 | AI1SP | AI1 log speed | 0 | 65535 | R/W |
| 399 | AI2SP | AI2 log speed | 0 | 65535 | R/W |
| 400 | AI3SP | AI3 log speed | 0 | 65535 | R/W |
| 401 | AI4SP | AI4 log speed | 0 | 65535 | R/W |
| 402 | AI5SP | AI5 log speed | 0 | 65535 | R/W |
| 403 | AI6SP | AI6 log speed | 0 | 65535 | R/W |
| 404 | AI7SP | AI7 log speed | 0 | 65535 | R/W |
| 405 | AI8SP | AI8 log speed | 0 | 65535 | R/W |
| 406 | AI9SP | AI9 log speed | 0 | 65535 | R/W |
| 407 | AI10SP | AI10 log speed | 0 | 65535 | R/W |
| 408 | AI11SP | AI11 log speed | 0 | 65535 | R/W |
| 409 | AI12SP | AI12 log speed | 0 | 65535 | R/W |
| 410 | AI13SP | AI13 log speed | 0 | 65535 | R/W |
| 411 | AI14SP | AI14 log speed | 0 | 65535 | R/W |
| 412 | AI15SP | AI15 log speed | 0 | 65535 | R/W |
| 413 | AI16SP | AI16 log speed | 0 | 65535 | R/W |
| 414 | AI17SP | AI17 log speed | 0 | 65535 | R/W |
| 415 | AI18SP | AI18 log speed | 0 | 65535 | R/W |
| 416 | MA1SP | Math1 log speed | 0 | 65535 | R/W |
| 417 | MA2SP | Math2 log speed | 0 | 65535 | R/W |
| 418 | MA3SP | Math3 log speed | 0 | 65535 | R/W |
| 419 | MA4SP | Math4 log speed | 0 | 65535 | R/W |
| 420 | MA5SP | Math5 log speed | 0 | 65535 | R/W |
| 421 | MA6SP | Math6 log speed | 0 | 65535 | R/W |
| 422 | MA7SP | Math7 log speed | 0 | 65535 | R/W |
| 423 | MA8SP | Math8 log speed | 0 | 65535 | R/W |
| 424 | MA9SP | Math9 log speed | 0 | 65535 | R/W |
| 425 | MA10SP | Math10 log speed | 0 | 65535 | R/W |
| 426 | MA11SP | Math11 log speed | 0 | 65535 | R/W |
| 427 | MA12SP | Math12 log speed | 0 | 65535 | R/W |
| 428 | MA13SP | Math13 log speed | 0 | 65535 | R/W |
| 429 | MA14SP | Math14 log speed | 0 | 65535 | R/W |
| 430 | MA15SP | Math15 log speed | 0 | 65535 | R/W |
| 431 | MA16SP | Math16 log speed | 0 | 65535 | R/W |
| 432 | MA17SP | Math17 log speed | 0 | 65535 | R/W |
| 433 | MA18SP | Math18 log speed | 0 | 65535 | R/W |
| 434 | AI1OF | AI1 offset | *2 | *2 | R/W |
| 435 | AI2OF | AI2 offset | *2 | *2 | R/W |
| 436 | AI3OF | AI3 offset | *2 | *2 | R/W |
| 437 | AI4OF | AI4 offset | *2 | *2 | R/W |

| | | | | | |
|-----|---------|-------------|-----|-----|-----|
| 438 | AI5OF | AI5 offset | *2 | *2 | R/W |
| 439 | AI6OF | AI6 offset | *2 | *2 | R/W |
| 440 | AI7OF | AI7 offset | *2 | *2 | R/W |
| 441 | AI8OF | AI8 offset | *2 | *2 | R/W |
| 442 | AI9OF | AI9 offset | *2 | *2 | R/W |
| 443 | AI10OF | AI10 offset | *2 | *2 | R/W |
| 444 | AI11OF | AI11 offset | *2 | *2 | R/W |
| 445 | AI12OF | AI12 offset | *2 | *2 | R/W |
| 446 | AI13OF | AI13 offset | *2 | *2 | R/W |
| 447 | AI14OF | AI14 offset | *2 | *2 | R/W |
| 448 | AI15OF | AI15 offset | *2 | *2 | R/W |
| 449 | AI16OF | AI16 offset | *2 | *2 | R/W |
| 450 | AI17OF | AI17 offset | *2 | *2 | R/W |
| 451 | AI18OF | AI18 offset | *2 | *2 | R/W |
| 452 | RESERVE | RESERVE | --- | --- | --- |
| 453 | RESERVE | RESERVE | --- | --- | --- |
| 454 | RESERVE | RESERVE | --- | --- | --- |
| 455 | RESERVE | RESERVE | --- | --- | --- |
| 456 | RESERVE | RESERVE | --- | --- | --- |
| 457 | RESERVE | RESERVE | --- | --- | --- |
| 458 | RESERVE | RESERVE | --- | --- | --- |
| 459 | RESERVE | RESERVE | --- | --- | --- |
| 460 | RESERVE | RESERVE | --- | --- | --- |
| 461 | RESERVE | RESERVE | --- | --- | --- |
| 462 | RESERVE | RESERVE | --- | --- | --- |
| 463 | RESERVE | RESERVE | --- | --- | --- |
| 464 | RESERVE | RESERVE | --- | --- | --- |
| 465 | RESERVE | RESERVE | --- | --- | --- |
| 466 | RESERVE | RESERVE | --- | --- | --- |
| 467 | RESERVE | RESERVE | --- | --- | --- |
| 468 | RESERVE | RESERVE | --- | --- | --- |
| 469 | RESERVE | RESERVE | --- | --- | --- |
| 470 | AI1GA | AI1 gain | *2 | *2 | R/W |
| 471 | AI2GA | AI2 gain | *2 | *2 | R/W |
| 472 | AI3GA | AI3 gain | *2 | *2 | R/W |
| 473 | AI4GA | AI4 gain | *2 | *2 | R/W |
| 474 | AI5GA | AI5 gain | *2 | *2 | R/W |
| 475 | AI6GA | AI6 gain | *2 | *2 | R/W |
| 476 | AI7GA | AI7 gain | *2 | *2 | R/W |
| 477 | AI8GA | AI8 gain | *2 | *2 | R/W |
| 478 | AI9GA | AI9 gain | *2 | *2 | R/W |
| 479 | AI10GA | AI10 gain | *2 | *2 | R/W |
| 480 | AI11GA | AI11 gain | *2 | *2 | R/W |
| 481 | AI12GA | AI12 gain | *2 | *2 | R/W |
| 482 | AI13GA | AI13 gain | *2 | *2 | R/W |
| 483 | AI14GA | AI14 gain | *2 | *2 | R/W |
| 484 | AI15GA | AI15 gain | *2 | *2 | R/W |
| 485 | AI16GA | AI16 gain | *2 | *2 | R/W |
| 486 | AI17GA | AI17 gain | *2 | *2 | R/W |

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|-----|-----------|---------------------|-----|-------|-----|
| 487 | AI18GA | AI18 gain | *2 | *2 | R/W |
| 488 | RESERVE | RESERVE | --- | --- | --- |
| 489 | RESERVE | RESERVE | --- | --- | --- |
| 490 | RESERVE | RESERVE | --- | --- | --- |
| 491 | RESERVE | RESERVE | --- | --- | --- |
| 492 | RESERVE | RESERVE | --- | --- | --- |
| 493 | RESERVE | RESERVE | --- | --- | --- |
| 494 | RESERVE | RESERVE | --- | --- | --- |
| 495 | RESERVE | RESERVE | --- | --- | --- |
| 496 | RESERVE | RESERVE | --- | --- | --- |
| 497 | RESERVE | RESERVE | --- | --- | --- |
| 498 | RESERVE | RESERVE | --- | --- | --- |
| 499 | RESERVE | RESERVE | --- | --- | --- |
| 500 | RESERVE | RESERVE | --- | --- | --- |
| 501 | RESERVE | RESERVE | --- | --- | --- |
| 502 | RESERVE | RESERVE | --- | --- | --- |
| 503 | RESERVE | RESERVE | --- | --- | --- |
| 504 | RESERVE | RESERVE | --- | --- | --- |
| 505 | RESERVE | RESERVE | --- | --- | --- |
| 506 | AI1EV1TP | AI1 event 1 type | 0 | 65535 | R/W |
| 507 | AI2EV1TP | AI2 event 1 type | 0 | 65535 | R/W |
| 508 | AI3EV1TP | AI3 event 1 type | 0 | 65535 | R/W |
| 509 | AI4EV1TP | AI4 event 1 type | 0 | 65535 | R/W |
| 510 | AI5EV1TP | AI5 event 1 type | 0 | 65535 | R/W |
| 511 | AI6EV1TP | AI6 event 1 type | 0 | 65535 | R/W |
| 512 | AI7EV1TP | AI7 event 1 type | 0 | 65535 | R/W |
| 513 | AI8EV1TP | AI8 event 1 type | 0 | 65535 | R/W |
| 514 | AI9EV1TP | AI9 event 1 type | 0 | 65535 | R/W |
| 515 | AI10EV1TP | AI10 event 1 type | 0 | 65535 | R/W |
| 516 | AI11EV1TP | AI11 event 1 type | 0 | 65535 | R/W |
| 517 | AI12EV1TP | AI12 event 1 type | 0 | 65535 | R/W |
| 518 | AI13EV1TP | AI13 event 1 type | 0 | 65535 | R/W |
| 519 | AI14EV1TP | AI14 event 1 type | 0 | 65535 | R/W |
| 520 | AI15EV1TP | AI15 event 1 type | 0 | 65535 | R/W |
| 521 | AI16EV1TP | AI16 event 1 type | 0 | 65535 | R/W |
| 522 | AI17EV1TP | AI17 event 1 type | 0 | 65535 | R/W |
| 523 | AI18EV1TP | AI18 event 1 type | 0 | 65535 | R/W |
| 524 | MA1EV1TP | Math1 event 1 type | 0 | 65535 | R/W |
| 525 | MA2EV1TP | Math2 event 1 type | 0 | 65535 | R/W |
| 526 | MA3EV1TP | Math3 event 1 type | 0 | 65535 | R/W |
| 527 | MA4EV1TP | Math4 event 1 type | 0 | 65535 | R/W |
| 528 | MA5EV1TP | Math5 event 1 type | 0 | 65535 | R/W |
| 529 | MA6EV1TP | Math6 event 1 type | 0 | 65535 | R/W |
| 530 | MA7EV1TP | Math7 event 1 type | 0 | 65535 | R/W |
| 531 | MA8EV1TP | Math8 event 1 type | 0 | 65535 | R/W |
| 532 | MA9EV1TP | Math9 event 1 type | 0 | 65535 | R/W |
| 533 | MA10EV1TP | Math10 event 1 type | 0 | 65535 | R/W |
| 534 | MA11EV1TP | Math11 event 1 type | 0 | 65535 | R/W |
| 535 | MA12EV1TP | Math12 event 1 type | 0 | 65535 | R/W |

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|-----|-----------|---------------------------------|----|-------|-----|
| 536 | MA13EV1TP | Math13 event 1 type | 0 | 65535 | R/W |
| 537 | MA14EV1TP | Math14 event 1 type | 0 | 65535 | R/W |
| 538 | MA15EV1TP | Math15 event 1 type | 0 | 65535 | R/W |
| 539 | MA16EV1TP | Math16 event 1 type | 0 | 65535 | R/W |
| 540 | MA17EV1TP | Math17 event 1 type | 0 | 65535 | R/W |
| 541 | MA18EV1TP | Math18 event 1 type | 0 | 65535 | R/W |
| 542 | AI1EV1SP | AI1 event 1 set point | *1 | *1 | R/W |
| 543 | AI2EV1SP | AI2 event 1 set point | *1 | *1 | R/W |
| 544 | AI3EV1SP | AI3 event 1 set point | *1 | *1 | R/W |
| 545 | AI4EV1SP | AI4 event 1 set point | *1 | *1 | R/W |
| 546 | AI5EV1SP | AI5 event 1 set point | *1 | *1 | R/W |
| 547 | AI6EV1SP | AI6 event 1 set point | *1 | *1 | R/W |
| 548 | AI7EV1SP | AI7 event 1 set point | *1 | *1 | R/W |
| 549 | AI8EV1SP | AI8 event 1 set point | *1 | *1 | R/W |
| 550 | AI9EV1SP | AI9 event 1 set point | *1 | *1 | R/W |
| 551 | AI10EV1SP | AI10 event 1 set point | *1 | *1 | R/W |
| 552 | AI11EV1SP | AI11 event 1 set point | *1 | *1 | R/W |
| 553 | AI12EV1SP | AI12 event 1 set point | *1 | *1 | R/W |
| 554 | AI13EV1SP | AI13 event 1 set point | *1 | *1 | R/W |
| 555 | AI14EV1SP | AI14 event 1 set point | *1 | *1 | R/W |
| 556 | AI15EV1SP | AI15 event 1 set point | *1 | *1 | R/W |
| 557 | AI16EV1SP | AI16 event 1 set point | *1 | *1 | R/W |
| 558 | AI17EV1SP | AI17 event 1 set point | *1 | *1 | R/W |
| 559 | AI18EV1SP | AI18 event 1 set point | *1 | *1 | R/W |
| 560 | MA1EV1SP | Math1 event 1 set point | *2 | *2 | R/W |
| 561 | MA2EV1SP | Math2 event 1 set point | *2 | *2 | R/W |
| 562 | MA3EV1SP | Math3 event 1 set point | *2 | *2 | R/W |
| 563 | MA4EV1SP | Math4 event 1 set point | *2 | *2 | R/W |
| 564 | MA5EV1SP | Math5 event 1 set point | *2 | *2 | R/W |
| 565 | MA6EV1SP | Math6 event 1 set point | *2 | *2 | R/W |
| 566 | MA7EV1SP | Math7 event 1 set point | *2 | *2 | R/W |
| 567 | MA8EV1SP | Math8 event 1 set point | *2 | *2 | R/W |
| 568 | MA9EV1SP | Math9 event 1 set point | *2 | *2 | R/W |
| 569 | MA10EV1SP | Math10 event 1 set point | *2 | *2 | R/W |
| 570 | MA11EV1SP | Math11 event 1 set point | *2 | *2 | R/W |
| 571 | MA12EV1SP | Math12 event 1 set point | *2 | *2 | R/W |
| 572 | MA13EV1SP | Math13 event 1 set point | *2 | *2 | R/W |
| 573 | MA14EV1SP | Math14 event 1 set point | *2 | *2 | R/W |
| 574 | MA15EV1SP | Math15 event 1 set point | *2 | *2 | R/W |
| 575 | MA16EV1SP | Math16 event 1 set point | *2 | *2 | R/W |
| 576 | MA17EV1SP | Math17 event 1 set point | *2 | *2 | R/W |
| 577 | MA18EV1SP | Math18 event 1 set point | *2 | *2 | R/W |
| 578 | AI1EV1RT | AI1 event 1 rate of change time | 0 | 65535 | R/W |
| 579 | AI2EV1RT | AI2 event 1 rate of change time | 0 | 65535 | R/W |
| 580 | AI3EV1RT | AI3 event 1 rate of change time | 0 | 65535 | R/W |
| 581 | AI4EV1RT | AI4 event 1 rate of change time | 0 | 65535 | R/W |
| 582 | AI5EV1RT | AI5 event 1 rate of change time | 0 | 65535 | R/W |
| 583 | AI6EV1RT | AI6 event 1 rate of change time | 0 | 65535 | R/W |
| 584 | AI7EV1RT | AI7 event 1 rate of change time | 0 | 65535 | R/W |

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|-----|------------|------------------------------------|---|-------|-----|
| 585 | AI8EV1RT | AI8 event 1 rate of change time | 0 | 65535 | R/W |
| 586 | AI9EV1RT | AI9 event 1 rate of change time | 0 | 65535 | R/W |
| 587 | AI10EV1RT | AI10 event 1 rate of change time | 0 | 65535 | R/W |
| 588 | AI11EV1RT | AI11 event 1 rate of change time | 0 | 65535 | R/W |
| 589 | AI12EV1RT | AI12 event 1 rate of change time | 0 | 65535 | R/W |
| 590 | AI13EV1RT | AI13 event 1 rate of change time | 0 | 65535 | R/W |
| 591 | AI14EV1RT | AI14 event 1 rate of change time | 0 | 65535 | R/W |
| 592 | AI15EV1RT | AI15 event 1 rate of change time | 0 | 65535 | R/W |
| 593 | AI16EV1RT | AI16 event 1 rate of change time | 0 | 65535 | R/W |
| 594 | AI17EV1RT | AI17 event 1 rate of change time | 0 | 65535 | R/W |
| 595 | AI18EV1RT | AI18 event 1 rate of change time | 0 | 65535 | R/W |
| 596 | MA1EV1RT | Math1 event 1 rate of change time | 0 | 65535 | R/W |
| 597 | MA2EV1RT | Math2 event 1 rate of change time | 0 | 65535 | R/W |
| 598 | MA3EV1RT | Math3 event 1 rate of change time | 0 | 65535 | R/W |
| 599 | MA4EV1RT | Math4 event 1 rate of change time | 0 | 65535 | R/W |
| 600 | MA5EV1RT | Math5 event 1 rate of change time | 0 | 65535 | R/W |
| 601 | MA6EV1RT | Math6 event 1 rate of change time | 0 | 65535 | R/W |
| 602 | MA7EV1RT | Math7 event 1 rate of change time | 0 | 65535 | R/W |
| 603 | MA8EV1RT | Math8 event 1 rate of change time | 0 | 65535 | R/W |
| 604 | MA9EV1RT | Math9 event 1 rate of change time | 0 | 65535 | R/W |
| 605 | MA10EV1RT | Math10 event 1 rate of change time | 0 | 65535 | R/W |
| 606 | MA11EV1RT | Math11 event 1 rate of change time | 0 | 65535 | R/W |
| 607 | MA12EV1RT | Math12 event 1 rate of change time | 0 | 65535 | R/W |
| 608 | MA13EV1RT | Math13 event 1 rate of change time | 0 | 65535 | R/W |
| 609 | MA14EV1RT | Math14 event 1 rate of change time | 0 | 65535 | R/W |
| 610 | MA15EV1RT | Math15 event 1 rate of change time | 0 | 65535 | R/W |
| 611 | MA16EV1RT | Math16 event 1 rate of change time | 0 | 65535 | R/W |
| 612 | MA17EV1RT | Math17 event 1 rate of change time | 0 | 65535 | R/W |
| 613 | MA18EV1RT | Math18 event 1 rate of change time | 0 | 65535 | R/W |
| 614 | AI1EV1JB1 | AI1 event 1 job 1 | 0 | 65535 | R/W |
| 615 | AI2EV1JB1 | AI2 event 1 job 1 | 0 | 65535 | R/W |
| 616 | AI3EV1JB1 | AI3 event 1 job 1 | 0 | 65535 | R/W |
| 617 | AI4EV1JB1 | AI4 event 1 job 1 | 0 | 65535 | R/W |
| 618 | AI5EV1JB1 | AI5 event 1 job 1 | 0 | 65535 | R/W |
| 619 | AI6EV1JB1 | AI6 event 1 job 1 | 0 | 65535 | R/W |
| 620 | AI7EV1JB1 | AI7 event 1 job 1 | 0 | 65535 | R/W |
| 621 | AI8EV1JB1 | AI8 event 1 job 1 | 0 | 65535 | R/W |
| 622 | AI9EV1JB1 | AI9 event 1 job 1 | 0 | 65535 | R/W |
| 623 | AI10EV1JB1 | AI10 event 1 job 1 | 0 | 65535 | R/W |
| 624 | AI11EV1JB1 | AI11 event 1 job 1 | 0 | 65535 | R/W |
| 625 | AI12EV1JB1 | AI12 event 1 job 1 | 0 | 65535 | R/W |
| 626 | AI13EV1JB1 | AI13 event 1 job 1 | 0 | 65535 | R/W |
| 627 | AI14EV1JB1 | AI14 event 1 job 1 | 0 | 65535 | R/W |
| 628 | AI15EV1JB1 | AI15 event 1 job 1 | 0 | 65535 | R/W |
| 629 | AI16EV1JB1 | AI16 event 1 job 1 | 0 | 65535 | R/W |
| 630 | AI17EV1JB1 | AI17 event 1 job 1 | 0 | 65535 | R/W |
| 631 | AI18EV1JB1 | AI18 event 1 job 1 | 0 | 65535 | R/W |
| 632 | MA1EV1JB1 | Math1 event 1 job 1 | 0 | 65535 | R/W |
| 633 | MA2EV1JB1 | Math2 event 1 job 1 | 0 | 65535 | R/W |

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|-----|------------|--------------------------------|---|-------|-----|
| 634 | MA3EV1JB1 | Math3 event 1 job 1 | 0 | 65535 | R/W |
| 635 | MA4EV1JB1 | Math4 event 1 job 1 | 0 | 65535 | R/W |
| 636 | MA5EV1JB1 | Math5 event 1 job 1 | 0 | 65535 | R/W |
| 637 | MA6EV1JB1 | Math6 event 1 job 1 | 0 | 65535 | R/W |
| 638 | MA7EV1JB1 | Math7 event 1 job 1 | 0 | 65535 | R/W |
| 639 | MA8EV1JB1 | Math8 event 1 job 1 | 0 | 65535 | R/W |
| 640 | MA9EV1JB1 | Math9 event 1 job 1 | 0 | 65535 | R/W |
| 641 | MA10EV1JB1 | Math10 event 1 job 1 | 0 | 65535 | R/W |
| 642 | MA11EV1JB1 | Math11 event 1 job 1 | 0 | 65535 | R/W |
| 643 | MA12EV1JB1 | Math12 event 1 job 1 | 0 | 65535 | R/W |
| 644 | MA13EV1JB1 | Math13 event 1 job 1 | 0 | 65535 | R/W |
| 645 | MA14EV1JB1 | Math14 event 1 job 1 | 0 | 65535 | R/W |
| 646 | MA15EV1JB1 | Math15 event 1 job 1 | 0 | 65535 | R/W |
| 647 | MA16EV1JB1 | Math16 event 1 job 1 | 0 | 65535 | R/W |
| 648 | MA17EV1JB1 | Math17 event 1 job 1 | 0 | 65535 | R/W |
| 649 | MA18EV1JB1 | Math18 event 1 job 1 | 0 | 65535 | R/W |
| 650 | AI1EV1PM1 | AI1 event 1 job 1 parameter | 0 | 65535 | R/W |
| 651 | AI2EV1PM1 | AI2 event 1 job 1 parameter | 0 | 65535 | R/W |
| 652 | AI3EV1PM1 | AI3 event 1 job 1 parameter | 0 | 65535 | R/W |
| 653 | AI4EV1PM1 | AI4 event 1 job 1 parameter | 0 | 65535 | R/W |
| 654 | AI5EV1PM1 | AI5 event 1 job 1 parameter | 0 | 65535 | R/W |
| 655 | AI6EV1PM1 | AI6 event 1 job 1 parameter | 0 | 65535 | R/W |
| 656 | AI7EV1PM1 | AI7 event 1 job 1 parameter | 0 | 65535 | R/W |
| 657 | AI8EV1PM1 | AI8 event 1 job 1 parameter | 0 | 65535 | R/W |
| 658 | AI9EV1PM1 | AI9 event 1 job 1 parameter | 0 | 65535 | R/W |
| 659 | AI10EV1PM1 | AI10 event 1 job 1 parameter | 0 | 65535 | R/W |
| 660 | AI11EV1PM1 | AI11 event 1 job 1 parameter | 0 | 65535 | R/W |
| 661 | AI12EV1PM1 | AI12 event 1 job 1 parameter | 0 | 65535 | R/W |
| 662 | AI13EV1PM1 | AI13 event 1 job 1 parameter | 0 | 65535 | R/W |
| 663 | AI14EV1PM1 | AI14 event 1 job 1 parameter | 0 | 65535 | R/W |
| 664 | AI15EV1PM1 | AI15 event 1 job 1 parameter | 0 | 65535 | R/W |
| 665 | AI16EV1PM1 | AI16 event 1 job 1 parameter | 0 | 65535 | R/W |
| 666 | AI17EV1PM1 | AI17 event 1 job 1 parameter | 0 | 65535 | R/W |
| 667 | AI18EV1PM1 | AI18 event 1 job 1 parameter | 0 | 65535 | R/W |
| 668 | MA1EV1PM1 | Math1 event 1 job 1 parameter | 0 | 65535 | R/W |
| 669 | MA2EV1PM1 | Math2 event 1 job 1 parameter | 0 | 65535 | R/W |
| 670 | MA3EV1PM1 | Math3 event 1 job 1 parameter | 0 | 65535 | R/W |
| 671 | MA4EV1PM1 | Math4 event 1 job 1 parameter | 0 | 65535 | R/W |
| 672 | MA5EV1PM1 | Math5 event 1 job 1 parameter | 0 | 65535 | R/W |
| 673 | MA6EV1PM1 | Math6 event 1 job 1 parameter | 0 | 65535 | R/W |
| 674 | MA7EV1PM1 | Math7 event 1 job 1 parameter | 0 | 65535 | R/W |
| 675 | MA8EV1PM1 | Math8 event 1 job 1 parameter | 0 | 65535 | R/W |
| 676 | MA9EV1PM1 | Math9 event 1 job 1 parameter | 0 | 65535 | R/W |
| 677 | MA10EV1PM1 | Math10 event 1 job 1 parameter | 0 | 65535 | R/W |
| 678 | MA11EV1PM1 | Math11 event 1 job 1 parameter | 0 | 65535 | R/W |
| 679 | MA12EV1PM1 | Math12 event 1 job 1 parameter | 0 | 65535 | R/W |
| 680 | MA13EV1PM1 | Math13 event 1 job 1 parameter | 0 | 65535 | R/W |
| 681 | MA14EV1PM1 | Math14 event 1 job 1 parameter | 0 | 65535 | R/W |
| 682 | MA15EV1PM1 | Math15 event 1 job 1 parameter | 0 | 65535 | R/W |

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|-----|------------|--------------------------------|---|-------|-----|
| 683 | MA16EV1PM1 | Math16 event 1 job 1 parameter | 0 | 65535 | R/W |
| 684 | MA17EV1PM1 | Math17 event 1 job 1 parameter | 0 | 65535 | R/W |
| 685 | MA18EV1PM1 | Math18 event 1 job 1 parameter | 0 | 65535 | R/W |
| 686 | AI1EV1JB2 | AI1 event 1 job 2 | 0 | 65535 | R/W |
| 687 | AI2EV1JB2 | AI2 event 1 job 2 | 0 | 65535 | R/W |
| 688 | AI3EV1JB2 | AI3 event 1 job 2 | 0 | 65535 | R/W |
| 689 | AI4EV1JB2 | AI4 event 1 job 2 | 0 | 65535 | R/W |
| 690 | AI5EV1JB2 | AI5 event 1 job 2 | 0 | 65535 | R/W |
| 691 | AI6EV1JB2 | AI6 event 1 job 2 | 0 | 65535 | R/W |
| 692 | AI7EV1JB2 | AI7 event 1 job 2 | 0 | 65535 | R/W |
| 693 | AI8EV1JB2 | AI8 event 1 job 2 | 0 | 65535 | R/W |
| 694 | AI9EV1JB2 | AI9 event 1 job 2 | 0 | 65535 | R/W |
| 695 | AI10EV1JB2 | AI10 event 1 job 2 | 0 | 65535 | R/W |
| 696 | AI11EV1JB2 | AI11 event 1 job 2 | 0 | 65535 | R/W |
| 697 | AI12EV1JB2 | AI12 event 1 job 2 | 0 | 65535 | R/W |
| 698 | AI13EV1JB2 | AI13 event 1 job 2 | 0 | 65535 | R/W |
| 699 | AI14EV1JB2 | AI14 event 1 job 2 | 0 | 65535 | R/W |
| 700 | AI15EV1JB2 | AI15 event 1 job 2 | 0 | 65535 | R/W |
| 701 | AI16EV1JB2 | AI16 event 1 job 2 | 0 | 65535 | R/W |
| 702 | AI17EV1JB2 | AI17 event 1 job 2 | 0 | 65535 | R/W |
| 703 | AI18EV1JB2 | AI18 event 1 job 2 | 0 | 65535 | R/W |
| 704 | MA1EV1JB2 | Math1 event 1 job 2 | 0 | 65535 | R/W |
| 705 | MA2EV1JB2 | Math2 event 1 job 2 | 0 | 65535 | R/W |
| 706 | MA3EV1JB2 | Math3 event 1 job 2 | 0 | 65535 | R/W |
| 707 | MA4EV1JB2 | Math4 event 1 job 2 | 0 | 65535 | R/W |
| 708 | MA5EV1JB2 | Math5 event 1 job 2 | 0 | 65535 | R/W |
| 709 | MA6EV1JB2 | Math6 event 1 job 2 | 0 | 65535 | R/W |
| 710 | MA7EV1JB2 | Math7 event 1 job 2 | 0 | 65535 | R/W |
| 711 | MA8EV1JB2 | Math8 event 1 job 2 | 0 | 65535 | R/W |
| 712 | MA9EV1JB2 | Math9 event 1 job 2 | 0 | 65535 | R/W |
| 713 | MA10EV1JB2 | Math10 event 1 job 2 | 0 | 65535 | R/W |
| 714 | MA11EV1JB2 | Math11 event 1 job 2 | 0 | 65535 | R/W |
| 715 | MA12EV1JB2 | Math12 event 1 job 2 | 0 | 65535 | R/W |
| 716 | MA13EV1JB2 | Math13 event 1 job 2 | 0 | 65535 | R/W |
| 717 | MA14EV1JB2 | Math14 event 1 job 2 | 0 | 65535 | R/W |
| 718 | MA15EV1JB2 | Math15 event 1 job 2 | 0 | 65535 | R/W |
| 719 | MA16EV1JB2 | Math16 event 1 job 2 | 0 | 65535 | R/W |
| 720 | MA17EV1JB2 | Math17 event 1 job 2 | 0 | 65535 | R/W |
| 721 | MA18EV1JB2 | Math18 event 1 job 2 | 0 | 65535 | R/W |
| 722 | AI1EV1PM2 | AI1 event 1 job 2 parameter | 0 | 65535 | R/W |
| 723 | AI2EV1PM2 | AI2 event 1 job 2 parameter | 0 | 65535 | R/W |
| 724 | AI3EV1PM2 | AI3 event 1 job 2 parameter | 0 | 65535 | R/W |
| 725 | AI4EV1PM2 | AI4 event 1 job 2 parameter | 0 | 65535 | R/W |
| 726 | AI5EV1PM2 | AI5 event 1 job 2 parameter | 0 | 65535 | R/W |
| 727 | AI6EV1PM2 | AI6 event 1 job 2 parameter | 0 | 65535 | R/W |
| 728 | AI7EV1PM2 | AI7 event 1 job 2 parameter | 0 | 65535 | R/W |
| 729 | AI8EV1PM2 | AI8 event 1 job 2 parameter | 0 | 65535 | R/W |
| 730 | AI9EV1PM2 | AI9 event 1 job 2 parameter | 0 | 65535 | R/W |
| 731 | AI10EV1PM2 | AI10 event 1 job 2 parameter | 0 | 65535 | R/W |

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|-----|------------|--------------------------------|---|-------|-----|
| 732 | AI11EV1PM2 | AI11 event 1 job 2 parameter | 0 | 65535 | R/W |
| 733 | AI12EV1PM2 | AI12 event 1 job 2 parameter | 0 | 65535 | R/W |
| 734 | AI13EV1PM2 | AI13 event 1 job 2 parameter | 0 | 65535 | R/W |
| 735 | AI14EV1PM2 | AI14 event 1 job 2 parameter | 0 | 65535 | R/W |
| 736 | AI15EV1PM2 | AI15 event 1 job 2 parameter | 0 | 65535 | R/W |
| 737 | AI16EV1PM2 | AI16 event 1 job 2 parameter | 0 | 65535 | R/W |
| 738 | AI17EV1PM2 | AI17 event 1 job 2 parameter | 0 | 65535 | R/W |
| 739 | AI18EV1PM2 | AI18 event 1 job 2 parameter | 0 | 65535 | R/W |
| 740 | MA1EV1PM2 | Math1 event 1 job 2 parameter | 0 | 65535 | R/W |
| 741 | MA2EV1PM2 | Math2 event 1 job 2 parameter | 0 | 65535 | R/W |
| 742 | MA3EV1PM2 | Math3 event 1 job 2 parameter | 0 | 65535 | R/W |
| 743 | MA4EV1PM2 | Math4 event 1 job 2 parameter | 0 | 65535 | R/W |
| 744 | MA5EV1PM2 | Math5 event 1 job 2 parameter | 0 | 65535 | R/W |
| 745 | MA6EV1PM2 | Math6 event 1 job 2 parameter | 0 | 65535 | R/W |
| 746 | MA7EV1PM2 | Math7 event 1 job 2 parameter | 0 | 65535 | R/W |
| 747 | MA8EV1PM2 | Math8 event 1 job 2 parameter | 0 | 65535 | R/W |
| 748 | MA9EV1PM2 | Math9 event 1 job 2 parameter | 0 | 65535 | R/W |
| 749 | MA10EV1PM2 | Math10 event 1 job 2 parameter | 0 | 65535 | R/W |
| 750 | MA11EV1PM2 | Math11 event 1 job 2 parameter | 0 | 65535 | R/W |
| 751 | MA12EV1PM2 | Math12 event 1 job 2 parameter | 0 | 65535 | R/W |
| 752 | MA13EV1PM2 | Math13 event 1 job 2 parameter | 0 | 65535 | R/W |
| 753 | MA14EV1PM2 | Math14 event 1 job 2 parameter | 0 | 65535 | R/W |
| 754 | MA15EV1PM2 | Math15 event 1 job 2 parameter | 0 | 65535 | R/W |
| 755 | MA16EV1PM2 | Math16 event 1 job 2 parameter | 0 | 65535 | R/W |
| 756 | MA17EV1PM2 | Math17 event 1 job 2 parameter | 0 | 65535 | R/W |
| 757 | MA18EV1PM2 | Math18 event 1 job 2 parameter | 0 | 65535 | R/W |
| 758 | AI1EV2TP | AI1 event 2 type | 0 | 65535 | R/W |
| 759 | AI2EV2TP | AI2 event 2 type | 0 | 65535 | R/W |
| 760 | AI3EV2TP | AI3 event 2 type | 0 | 65535 | R/W |
| 761 | AI4EV2TP | AI4 event 2 type | 0 | 65535 | R/W |
| 762 | AI5EV2TP | AI5 event 2 type | 0 | 65535 | R/W |
| 763 | AI6EV2TP | AI6 event 2 type | 0 | 65535 | R/W |
| 764 | AI7EV2TP | AI7 event 2 type | 0 | 65535 | R/W |
| 765 | AI8EV2TP | AI8 event 2 type | 0 | 65535 | R/W |
| 766 | AI9EV2TP | AI9 event 2 type | 0 | 65535 | R/W |
| 767 | AI10EV2TP | AI10 event 2 type | 0 | 65535 | R/W |
| 768 | AI11EV2TP | AI11 event 2 type | 0 | 65535 | R/W |
| 769 | AI12EV2TP | AI12 event 2 type | 0 | 65535 | R/W |
| 770 | AI13EV2TP | AI13 event 2 type | 0 | 65535 | R/W |
| 771 | AI14EV2TP | AI14 event 2 type | 0 | 65535 | R/W |
| 772 | AI15EV2TP | AI15 event 2 type | 0 | 65535 | R/W |
| 773 | AI16EV2TP | AI16 event 2 type | 0 | 65535 | R/W |
| 774 | AI17EV2TP | AI17 event 2 type | 0 | 65535 | R/W |
| 775 | AI18EV2TP | AI18 event 2 type | 0 | 65535 | R/W |
| 776 | MA1EV2TP | Math1 event 2 type | 0 | 65535 | R/W |
| 777 | MA2EV2TP | Math2 event 2 type | 0 | 65535 | R/W |
| 778 | MA3EV2TP | Math3 event 2 type | 0 | 65535 | R/W |
| 779 | MA4EV2TP | Math4 event 2 type | 0 | 65535 | R/W |
| 780 | MA5EV2TP | Math5 event 2 type | 0 | 65535 | R/W |

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|-----|-----------|--------------------------|----|-------|-----|
| 781 | MA6EV2TP | Math6 event 2 type | 0 | 65535 | R/W |
| 782 | MA7EV2TP | Math7 event 2 type | 0 | 65535 | R/W |
| 783 | MA8EV2TP | Math8 event 2 type | 0 | 65535 | R/W |
| 784 | MA9EV2TP | Math9 event 2 type | 0 | 65535 | R/W |
| 785 | MA10EV2TP | Math10 event 2 type | 0 | 65535 | R/W |
| 786 | MA11EV2TP | Math11 event 2 type | 0 | 65535 | R/W |
| 787 | MA12EV2TP | Math12 event 2 type | 0 | 65535 | R/W |
| 788 | MA13EV2TP | Math13 event 2 type | 0 | 65535 | R/W |
| 789 | MA14EV2TP | Math14 event 2 type | 0 | 65535 | R/W |
| 790 | MA15EV2TP | Math15 event 2 type | 0 | 65535 | R/W |
| 791 | MA16EV2TP | Math16 event 2 type | 0 | 65535 | R/W |
| 792 | MA17EV2TP | Math17 event 2 type | 0 | 65535 | R/W |
| 793 | MA18EV2TP | Math18 event 2 type | 0 | 65535 | R/W |
| 794 | AI1EV2SP | AI1 event 2 set point | *1 | *1 | R/W |
| 795 | AI2EV2SP | AI2 event 2 set point | *1 | *1 | R/W |
| 796 | AI3EV2SP | AI3 event 2 set point | *1 | *1 | R/W |
| 797 | AI4EV2SP | AI4 event 2 set point | *1 | *1 | R/W |
| 798 | AI5EV2SP | AI5 event 2 set point | *1 | *1 | R/W |
| 799 | AI6EV2SP | AI6 event 2 set point | *1 | *1 | R/W |
| 800 | AI7EV2SP | AI7 event 2 set point | *1 | *1 | R/W |
| 801 | AI8EV2SP | AI8 event 2 set point | *1 | *1 | R/W |
| 802 | AI9EV2SP | AI9 event 2 set point | *1 | *1 | R/W |
| 803 | AI10EV2SP | AI10 event 2 set point | *1 | *1 | R/W |
| 804 | AI11EV2SP | AI11 event 2 set point | *1 | *1 | R/W |
| 805 | AI12EV2SP | AI12 event 2 set point | *1 | *1 | R/W |
| 806 | AI13EV2SP | AI13 event 2 set point | *1 | *1 | R/W |
| 807 | AI14EV2SP | AI14 event 2 set point | *1 | *1 | R/W |
| 808 | AI15EV2SP | AI15 event 2 set point | *1 | *1 | R/W |
| 809 | AI16EV2SP | AI16 event 2 set point | *1 | *1 | R/W |
| 810 | AI17EV2SP | AI17 event 2 set point | *1 | *1 | R/W |
| 811 | AI18EV2SP | AI18 event 2 set point | *1 | *1 | R/W |
| 812 | MA1EV2SP | Math1 event 2 set point | *2 | *2 | R/W |
| 813 | MA2EV2SP | Math2 event 2 set point | *2 | *2 | R/W |
| 814 | MA3EV2SP | Math3 event 2 set point | *2 | *2 | R/W |
| 815 | MA4EV2SP | Math4 event 2 set point | *2 | *2 | R/W |
| 816 | MA5EV2SP | Math5 event 2 set point | *2 | *2 | R/W |
| 817 | MA6EV2SP | Math6 event 2 set point | *2 | *2 | R/W |
| 818 | MA7EV2SP | Math7 event 2 set point | *2 | *2 | R/W |
| 819 | MA8EV2SP | Math8 event 2 set point | *2 | *2 | R/W |
| 820 | MA9EV2SP | Math9 event 2 set point | *2 | *2 | R/W |
| 821 | MA10EV2SP | Math10 event 2 set point | *2 | *2 | R/W |
| 822 | MA11EV2SP | Math11 event 2 set point | *2 | *2 | R/W |
| 823 | MA12EV2SP | Math12 event 2 set point | *2 | *2 | R/W |
| 824 | MA13EV2SP | Math13 event 2 set point | *2 | *2 | R/W |
| 825 | MA14EV2SP | Math14 event 2 set point | *2 | *2 | R/W |
| 826 | MA15EV2SP | Math15 event 2 set point | *2 | *2 | R/W |
| 827 | MA16EV2SP | Math16 event 2 set point | *2 | *2 | R/W |
| 828 | MA17EV2SP | Math17 event 2 set point | *2 | *2 | R/W |
| 829 | MA18EV2SP | Math18 event 2 set point | *2 | *2 | R/W |

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|-----|------------|------------------------------------|---|-------|-----|
| 830 | AI1EV2RT | AI1 event 2 rate of change time | 0 | 65535 | R/W |
| 831 | AI2EV2RT | AI2 event 2 rate of change time | 0 | 65535 | R/W |
| 832 | AI3EV2RT | AI3 event 2 rate of change time | 0 | 65535 | R/W |
| 833 | AI4EV2RT | AI4 event 2 rate of change time | 0 | 65535 | R/W |
| 834 | AI5EV2RT | AI5 event 2 rate of change time | 0 | 65535 | R/W |
| 835 | AI6EV2RT | AI6 event 2 rate of change time | 0 | 65535 | R/W |
| 836 | AI7EV2RT | AI7 event 2 rate of change time | 0 | 65535 | R/W |
| 837 | AI8EV2RT | AI8 event 2 rate of change time | 0 | 65535 | R/W |
| 838 | AI9EV2RT | AI9 event 2 rate of change time | 0 | 65535 | R/W |
| 839 | AI10EV2RT | AI10 event 2 rate of change time | 0 | 65535 | R/W |
| 840 | AI11EV2RT | AI11 event 2 rate of change time | 0 | 65535 | R/W |
| 841 | AI12EV2RT | AI12 event 2 rate of change time | 0 | 65535 | R/W |
| 842 | AI13EV2RT | AI13 event 2 rate of change time | 0 | 65535 | R/W |
| 843 | AI14EV2RT | AI14 event 2 rate of change time | 0 | 65535 | R/W |
| 844 | AI15EV2RT | AI15 event 2 rate of change time | 0 | 65535 | R/W |
| 845 | AI16EV2RT | AI16 event 2 rate of change time | 0 | 65535 | R/W |
| 846 | AI17EV2RT | AI17 event 2 rate of change time | 0 | 65535 | R/W |
| 847 | AI18EV2RT | AI18 event 2 rate of change time | 0 | 65535 | R/W |
| 848 | MA1EV2RT | Math1 event 2 rate of change time | 0 | 65535 | R/W |
| 849 | MA2EV2RT | Math2 event 2 rate of change time | 0 | 65535 | R/W |
| 850 | MA3EV2RT | Math3 event 2 rate of change time | 0 | 65535 | R/W |
| 851 | MA4EV2RT | Math4 event 2 rate of change time | 0 | 65535 | R/W |
| 852 | MA5EV2RT | Math5 event 2 rate of change time | 0 | 65535 | R/W |
| 853 | MA6EV2RT | Math6 event 2 rate of change time | 0 | 65535 | R/W |
| 854 | MA7EV2RT | Math7 event 2 rate of change time | 0 | 65535 | R/W |
| 855 | MA8EV2RT | Math8 event 2 rate of change time | 0 | 65535 | R/W |
| 856 | MA9EV2RT | Math9 event 2 rate of change time | 0 | 65535 | R/W |
| 857 | MA10EV2RT | Math10 event 2 rate of change time | 0 | 65535 | R/W |
| 858 | MA11EV2RT | Math11 event 2 rate of change time | 0 | 65535 | R/W |
| 859 | MA12EV2RT | Math12 event 2 rate of change time | 0 | 65535 | R/W |
| 860 | MA13EV2RT | Math13 event 2 rate of change time | 0 | 65535 | R/W |
| 861 | MA14EV2RT | Math14 event 2 rate of change time | 0 | 65535 | R/W |
| 862 | MA15EV2RT | Math15 event 2 rate of change time | 0 | 65535 | R/W |
| 863 | MA16EV2RT | Math16 event 2 rate of change time | 0 | 65535 | R/W |
| 864 | MA17EV2RT | Math17 event 2 rate of change time | 0 | 65535 | R/W |
| 865 | MA18EV2RT | Math18 event 2 rate of change time | 0 | 65535 | R/W |
| 866 | AI1EV2JB1 | AI1 event 2 job 1 | 0 | 65535 | R/W |
| 867 | AI2EV2JB1 | AI2 event 2 job 1 | 0 | 65535 | R/W |
| 868 | AI3EV2JB1 | AI3 event 2 job 1 | 0 | 65535 | R/W |
| 869 | AI4EV2JB1 | AI4 event 2 job 1 | 0 | 65535 | R/W |
| 870 | AI5EV2JB1 | AI5 event 2 job 1 | 0 | 65535 | R/W |
| 871 | AI6EV2JB1 | AI6 event 2 job 1 | 0 | 65535 | R/W |
| 872 | AI7EV2JB1 | AI7 event 2 job 1 | 0 | 65535 | R/W |
| 873 | AI8EV2JB1 | AI8 event 2 job 1 | 0 | 65535 | R/W |
| 874 | AI9EV2JB1 | AI9 event 2 job 1 | 0 | 65535 | R/W |
| 875 | AI10EV2JB1 | AI10 event 2 job 1 | 0 | 65535 | R/W |
| 876 | AI11EV2JB1 | AI11 event 2 job 1 | 0 | 65535 | R/W |
| 877 | AI12EV2JB1 | AI12 event 2 job 1 | 0 | 65535 | R/W |
| 878 | AI13EV2JB1 | AI13 event 2 job 1 | 0 | 65535 | R/W |

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|-----|------------|-------------------------------|---|-------|-----|
| 879 | AI14EV2JB1 | AI14 event 2 job 1 | 0 | 65535 | R/W |
| 880 | AI15EV2JB1 | AI15 event 2 job 1 | 0 | 65535 | R/W |
| 881 | AI16EV2JB1 | AI16 event 2 job 1 | 0 | 65535 | R/W |
| 882 | AI17EV2JB1 | AI17 event 2 job 1 | 0 | 65535 | R/W |
| 883 | AI18EV2JB1 | AI18 event 2 job 1 | 0 | 65535 | R/W |
| 884 | MA1EV2JB1 | Math1 event 2 job 1 | 0 | 65535 | R/W |
| 885 | MA2EV2JB1 | Math2 event 2 job 1 | 0 | 65535 | R/W |
| 886 | MA3EV2JB1 | Math3 event 2 job 1 | 0 | 65535 | R/W |
| 887 | MA4EV2JB1 | Math4 event 2 job 1 | 0 | 65535 | R/W |
| 888 | MA5EV2JB1 | Math5 event 2 job 1 | 0 | 65535 | R/W |
| 889 | MA6EV2JB1 | Math6 event 2 job 1 | 0 | 65535 | R/W |
| 890 | MA7EV2JB1 | Math7 event 2 job 1 | 0 | 65535 | R/W |
| 891 | MA8EV2JB1 | Math8 event 2 job 1 | 0 | 65535 | R/W |
| 892 | MA9EV2JB1 | Math9 event 2 job 1 | 0 | 65535 | R/W |
| 893 | MA10EV2JB1 | Math10 event 2 job 1 | 0 | 65535 | R/W |
| 894 | MA11EV2JB1 | Math11 event 2 job 1 | 0 | 65535 | R/W |
| 895 | MA12EV2JB1 | Math12 event 2 job 1 | 0 | 65535 | R/W |
| 896 | MA13EV2JB1 | Math13 event 2 job 1 | 0 | 65535 | R/W |
| 897 | MA14EV2JB1 | Math14 event 2 job 1 | 0 | 65535 | R/W |
| 898 | MA15EV2JB1 | Math15 event 2 job 1 | 0 | 65535 | R/W |
| 899 | MA16EV2JB1 | Math16 event 2 job 1 | 0 | 65535 | R/W |
| 900 | MA17EV2JB1 | Math17 event 2 job 1 | 0 | 65535 | R/W |
| 901 | MA18EV2JB1 | Math18 event 2 job 1 | 0 | 65535 | R/W |
| 902 | AI1EV2PM1 | AI1 event 2 job 1 parameter | 0 | 65535 | R/W |
| 903 | AI2EV2PM1 | AI2 event 2 job 1 parameter | 0 | 65535 | R/W |
| 904 | AI3EV2PM1 | AI3 event 2 job 1 parameter | 0 | 65535 | R/W |
| 905 | AI4EV2PM1 | AI4 event 2 job 1 parameter | 0 | 65535 | R/W |
| 906 | AI5EV2PM1 | AI5 event 2 job 1 parameter | 0 | 65535 | R/W |
| 907 | AI6EV2PM1 | AI6 event 2 job 1 parameter | 0 | 65535 | R/W |
| 908 | AI7EV2PM1 | AI7 event 2 job 1 parameter | 0 | 65535 | R/W |
| 909 | AI8EV2PM1 | AI8 event 2 job 1 parameter | 0 | 65535 | R/W |
| 910 | AI9EV2PM1 | AI9 event 2 job 1 parameter | 0 | 65535 | R/W |
| 911 | AI10EV2PM1 | AI10 event 2 job 1 parameter | 0 | 65535 | R/W |
| 912 | AI11EV2PM1 | AI11 event 2 job 1 parameter | 0 | 65535 | R/W |
| 913 | AI12EV2PM1 | AI12 event 2 job 1 parameter | 0 | 65535 | R/W |
| 914 | AI13EV2PM1 | AI13 event 2 job 1 parameter | 0 | 65535 | R/W |
| 915 | AI14EV2PM1 | AI14 event 2 job 1 parameter | 0 | 65535 | R/W |
| 916 | AI15EV2PM1 | AI15 event 2 job 1 parameter | 0 | 65535 | R/W |
| 917 | AI16EV2PM1 | AI16 event 2 job 1 parameter | 0 | 65535 | R/W |
| 918 | AI17EV2PM1 | AI17 event 2 job 1 parameter | 0 | 65535 | R/W |
| 919 | AI18EV2PM1 | AI18 event 2 job 1 parameter | 0 | 65535 | R/W |
| 920 | MA1EV2PM1 | Math1 event 2 job 1 parameter | 0 | 65535 | R/W |
| 921 | MA2EV2PM1 | Math2 event 2 job 1 parameter | 0 | 65535 | R/W |
| 922 | MA3EV2PM1 | Math3 event 2 job 1 parameter | 0 | 65535 | R/W |
| 923 | MA4EV2PM1 | Math4 event 2 job 1 parameter | 0 | 65535 | R/W |
| 924 | MA5EV2PM1 | Math5 event 2 job 1 parameter | 0 | 65535 | R/W |
| 925 | MA6EV2PM1 | Math6 event 2 job 1 parameter | 0 | 65535 | R/W |
| 926 | MA7EV2PM1 | Math7 event 2 job 1 parameter | 0 | 65535 | R/W |
| 927 | MA8EV2PM1 | Math8 event 2 job 1 parameter | 0 | 65535 | R/W |

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|-----|------------|--------------------------------|---|-------|-----|
| 928 | MA9EV2PM1 | Math9 event 2 job 1 parameter | 0 | 65535 | R/W |
| 929 | MA10EV2PM1 | Math10 event 2 job 1 parameter | 0 | 65535 | R/W |
| 930 | MA11EV2PM1 | Math11 event 2 job 1 parameter | 0 | 65535 | R/W |
| 931 | MA12EV2PM1 | Math12 event 2 job 1 parameter | 0 | 65535 | R/W |
| 932 | MA13EV2PM1 | Math13 event 2 job 1 parameter | 0 | 65535 | R/W |
| 933 | MA14EV2PM1 | Math14 event 2 job 1 parameter | 0 | 65535 | R/W |
| 934 | MA15EV2PM1 | Math15 event 2 job 1 parameter | 0 | 65535 | R/W |
| 935 | MA16EV2PM1 | Math16 event 2 job 1 parameter | 0 | 65535 | R/W |
| 936 | MA17EV2PM1 | Math17 event 2 job 1 parameter | 0 | 65535 | R/W |
| 937 | MA18EV2PM1 | Math18 event 2 job 1 parameter | 0 | 65535 | R/W |
| 938 | AI1EV2JB2 | AI1 event 2 job 2 | 0 | 65535 | R/W |
| 939 | AI2EV2JB2 | AI2 event 2 job 2 | 0 | 65535 | R/W |
| 940 | AI3EV2JB2 | AI3 event 2 job 2 | 0 | 65535 | R/W |
| 941 | AI4EV2JB2 | AI4 event 2 job 2 | 0 | 65535 | R/W |
| 942 | AI5EV2JB2 | AI5 event 2 job 2 | 0 | 65535 | R/W |
| 943 | AI6EV2JB2 | AI6 event 2 job 2 | 0 | 65535 | R/W |
| 944 | AI7EV2JB2 | AI7 event 2 job 2 | 0 | 65535 | R/W |
| 945 | AI8EV2JB2 | AI8 event 2 job 2 | 0 | 65535 | R/W |
| 946 | AI9EV2JB2 | AI9 event 2 job 2 | 0 | 65535 | R/W |
| 947 | AI10EV2JB2 | AI10 event 2 job 2 | 0 | 65535 | R/W |
| 948 | AI11EV2JB2 | AI11 event 2 job 2 | 0 | 65535 | R/W |
| 949 | AI12EV2JB2 | AI12 event 2 job 2 | 0 | 65535 | R/W |
| 950 | AI13EV2JB2 | AI13 event 2 job 2 | 0 | 65535 | R/W |
| 951 | AI14EV2JB2 | AI14 event 2 job 2 | 0 | 65535 | R/W |
| 952 | AI15EV2JB2 | AI15 event 2 job 2 | 0 | 65535 | R/W |
| 953 | AI16EV2JB2 | AI16 event 2 job 2 | 0 | 65535 | R/W |
| 954 | AI17EV2JB2 | AI17 event 2 job 2 | 0 | 65535 | R/W |
| 955 | AI18EV2JB2 | AI18 event 2 job 2 | 0 | 65535 | R/W |
| 956 | MA1EV2JB2 | Math1 event 2 job 2 | 0 | 65535 | R/W |
| 957 | MA2EV2JB2 | Math2 event 2 job 2 | 0 | 65535 | R/W |
| 958 | MA3EV2JB2 | Math3 event 2 job 2 | 0 | 65535 | R/W |
| 959 | MA4EV2JB2 | Math4 event 2 job 2 | 0 | 65535 | R/W |
| 960 | MA5EV2JB2 | Math5 event 2 job 2 | 0 | 65535 | R/W |
| 961 | MA6EV2JB2 | Math6 event 2 job 2 | 0 | 65535 | R/W |
| 962 | MA7EV2JB2 | Math7 event 2 job 2 | 0 | 65535 | R/W |
| 963 | MA8EV2JB2 | Math8 event 2 job 2 | 0 | 65535 | R/W |
| 964 | MA9EV2JB2 | Math9 event 2 job 2 | 0 | 65535 | R/W |
| 965 | MA10EV2JB2 | Math10 event 2 job 2 | 0 | 65535 | R/W |
| 966 | MA11EV2JB2 | Math11 event 2 job 2 | 0 | 65535 | R/W |
| 967 | MA12EV2JB2 | Math12 event 2 job 2 | 0 | 65535 | R/W |
| 968 | MA13EV2JB2 | Math13 event 2 job 2 | 0 | 65535 | R/W |
| 969 | MA14EV2JB2 | Math14 event 2 job 2 | 0 | 65535 | R/W |
| 970 | MA15EV2JB2 | Math15 event 2 job 2 | 0 | 65535 | R/W |
| 971 | MA16EV2JB2 | Math16 event 2 job 2 | 0 | 65535 | R/W |
| 972 | MA17EV2JB2 | Math17 event 2 job 2 | 0 | 65535 | R/W |
| 973 | MA18EV2JB2 | Math18 event 2 job 2 | 0 | 65535 | R/W |
| 974 | AI1EV2PM2 | AI1 event 2 job 2 parameter | 0 | 65535 | R/W |
| 975 | AI2EV2PM2 | AI2 event 2 job 2 parameter | 0 | 65535 | R/W |
| 976 | AI3EV2PM2 | AI3 event 2 job 2 parameter | 0 | 65535 | R/W |

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|------|------------|--------------------------------|---|-------|-----|
| 977 | AI4EV2PM2 | AI4 event 2 job 2 parameter | 0 | 65535 | R/W |
| 978 | AI5EV2PM2 | AI5 event 2 job 2 parameter | 0 | 65535 | R/W |
| 979 | AI6EV2PM2 | AI6 event 2 job 2 parameter | 0 | 65535 | R/W |
| 980 | AI7EV2PM2 | AI7 event 2 job 2 parameter | 0 | 65535 | R/W |
| 981 | AI8EV2PM2 | AI8 event 2 job 2 parameter | 0 | 65535 | R/W |
| 982 | AI9EV2PM2 | AI9 event 2 job 2 parameter | 0 | 65535 | R/W |
| 983 | AI10EV2PM2 | AI10 event 2 job 2 parameter | 0 | 65535 | R/W |
| 984 | AI11EV2PM2 | AI11 event 2 job 2 parameter | 0 | 65535 | R/W |
| 985 | AI12EV2PM2 | AI12 event 2 job 2 parameter | 0 | 65535 | R/W |
| 986 | AI13EV2PM2 | AI13 event 2 job 2 parameter | 0 | 65535 | R/W |
| 987 | AI14EV2PM2 | AI14 event 2 job 2 parameter | 0 | 65535 | R/W |
| 988 | AI15EV2PM2 | AI15 event 2 job 2 parameter | 0 | 65535 | R/W |
| 989 | AI16EV2PM2 | AI16 event 2 job 2 parameter | 0 | 65535 | R/W |
| 990 | AI17EV2PM2 | AI17 event 2 job 2 parameter | 0 | 65535 | R/W |
| 991 | AI18EV2PM2 | AI18 event 2 job 2 parameter | 0 | 65535 | R/W |
| 992 | MA1EV2PM2 | Math1 event 2 job 2 parameter | 0 | 65535 | R/W |
| 993 | MA2EV2PM2 | Math2 event 2 job 2 parameter | 0 | 65535 | R/W |
| 994 | MA3EV2PM2 | Math3 event 2 job 2 parameter | 0 | 65535 | R/W |
| 995 | MA4EV2PM2 | Math4 event 2 job 2 parameter | 0 | 65535 | R/W |
| 996 | MA5EV2PM2 | Math5 event 2 job 2 parameter | 0 | 65535 | R/W |
| 997 | MA6EV2PM2 | Math6 event 2 job 2 parameter | 0 | 65535 | R/W |
| 998 | MA7EV2PM2 | Math7 event 2 job 2 parameter | 0 | 65535 | R/W |
| 999 | MA8EV2PM2 | Math8 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1000 | MA9EV2PM2 | Math9 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1001 | MA10EV2PM2 | Math10 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1002 | MA11EV2PM2 | Math11 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1003 | MA12EV2PM2 | Math12 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1004 | MA13EV2PM2 | Math13 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1005 | MA14EV2PM2 | Math14 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1006 | MA15EV2PM2 | Math15 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1007 | MA16EV2PM2 | Math16 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1008 | MA17EV2PM2 | Math17 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1009 | MA18EV2PM2 | Math18 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1010 | AI1EV3TP | AI1 event 3 type | 0 | 65535 | R/W |
| 1011 | AI2EV3TP | AI2 event 3 type | 0 | 65535 | R/W |
| 1012 | AI3EV3TP | AI3 event 3 type | 0 | 65535 | R/W |
| 1013 | AI4EV3TP | AI4 event 3 type | 0 | 65535 | R/W |
| 1014 | AI5EV3TP | AI5 event 3 type | 0 | 65535 | R/W |
| 1015 | AI6EV3TP | AI6 event 3 type | 0 | 65535 | R/W |
| 1016 | AI7EV3TP | AI7 event 3 type | 0 | 65535 | R/W |
| 1017 | AI8EV3TP | AI8 event 3 type | 0 | 65535 | R/W |
| 1018 | AI9EV3TP | AI9 event 3 type | 0 | 65535 | R/W |
| 1019 | AI10EV3TP | AI10 event 3 type | 0 | 65535 | R/W |
| 1020 | AI11EV3TP | AI11 event 3 type | 0 | 65535 | R/W |
| 1021 | AI12EV3TP | AI12 event 3 type | 0 | 65535 | R/W |
| 1022 | AI13EV3TP | AI13 event 3 type | 0 | 65535 | R/W |
| 1023 | AI14EV3TP | AI14 event 3 type | 0 | 65535 | R/W |
| 1024 | AI15EV3TP | AI15 event 3 type | 0 | 65535 | R/W |
| 1025 | AI16EV3TP | AI16 event 3 type | 0 | 65535 | R/W |

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|------|-----------|--------------------------|----|-------|-----|
| 1026 | AI17EV3TP | AI17 event 3 type | 0 | 65535 | R/W |
| 1027 | AI18EV3TP | AI18 event 3 type | 0 | 65535 | R/W |
| 1028 | MA1EV3TP | Math1 event 3 type | 0 | 65535 | R/W |
| 1029 | MA2EV3TP | Math2 event 3 type | 0 | 65535 | R/W |
| 1030 | MA3EV3TP | Math3 event 3 type | 0 | 65535 | R/W |
| 1031 | MA4EV3TP | Math4 event 3 type | 0 | 65535 | R/W |
| 1032 | MA5EV3TP | Math5 event 3 type | 0 | 65535 | R/W |
| 1033 | MA6EV3TP | Math6 event 3 type | 0 | 65535 | R/W |
| 1034 | MA7EV3TP | Math7 event 3 type | 0 | 65535 | R/W |
| 1035 | MA8EV3TP | Math8 event 3 type | 0 | 65535 | R/W |
| 1036 | MA9EV3TP | Math9 event 3 type | 0 | 65535 | R/W |
| 1037 | MA10EV3TP | Math10 event 3 type | 0 | 65535 | R/W |
| 1038 | MA11EV3TP | Math11 event 3 type | 0 | 65535 | R/W |
| 1039 | MA12EV3TP | Math12 event 3 type | 0 | 65535 | R/W |
| 1040 | MA13EV3TP | Math13 event 3 type | 0 | 65535 | R/W |
| 1041 | MA14EV3TP | Math14 event 3 type | 0 | 65535 | R/W |
| 1042 | MA15EV3TP | Math15 event 3 type | 0 | 65535 | R/W |
| 1043 | MA16EV3TP | Math16 event 3 type | 0 | 65535 | R/W |
| 1044 | MA17EV3TP | Math17 event 3 type | 0 | 65535 | R/W |
| 1045 | MA18EV3TP | Math18 event 3 type | 0 | 65535 | R/W |
| 1046 | AI1EV3SP | AI1 event 3 set point | *1 | *1 | R/W |
| 1047 | AI2EV3SP | AI2 event 3 set point | *1 | *1 | R/W |
| 1048 | AI3EV3SP | AI3 event 3 set point | *1 | *1 | R/W |
| 1049 | AI4EV3SP | AI4 event 3 set point | *1 | *1 | R/W |
| 1050 | AI5EV3SP | AI5 event 3 set point | *1 | *1 | R/W |
| 1051 | AI6EV3SP | AI6 event 3 set point | *1 | *1 | R/W |
| 1052 | AI7EV3SP | AI7 event 3 set point | *1 | *1 | R/W |
| 1053 | AI8EV3SP | AI8 event 3 set point | *1 | *1 | R/W |
| 1054 | AI9EV3SP | AI9 event 3 set point | *1 | *1 | R/W |
| 1055 | AI10EV3SP | AI10 event 3 set point | *1 | *1 | R/W |
| 1056 | AI11EV3SP | AI11 event 3 set point | *1 | *1 | R/W |
| 1057 | AI12EV3SP | AI12 event 3 set point | *1 | *1 | R/W |
| 1058 | AI13EV3SP | AI13 event 3 set point | *1 | *1 | R/W |
| 1059 | AI14EV3SP | AI14 event 3 set point | *1 | *1 | R/W |
| 1060 | AI15EV3SP | AI15 event 3 set point | *1 | *1 | R/W |
| 1061 | AI16EV3SP | AI16 event 3 set point | *1 | *1 | R/W |
| 1062 | AI17EV3SP | AI17 event 3 set point | *1 | *1 | R/W |
| 1063 | AI18EV3SP | AI18 event 3 set point | *1 | *1 | R/W |
| 1064 | MA1EV3SP | Math1 event 3 set point | *2 | *2 | R/W |
| 1065 | MA2EV3SP | Math2 event 3 set point | *2 | *2 | R/W |
| 1066 | MA3EV3SP | Math3 event 3 set point | *2 | *2 | R/W |
| 1067 | MA4EV3SP | Math4 event 3 set point | *2 | *2 | R/W |
| 1068 | MA5EV3SP | Math5 event 3 set point | *2 | *2 | R/W |
| 1069 | MA6EV3SP | Math6 event 3 set point | *2 | *2 | R/W |
| 1070 | MA7EV3SP | Math7 event 3 set point | *2 | *2 | R/W |
| 1071 | MA8EV3SP | Math8 event 3 set point | *2 | *2 | R/W |
| 1072 | MA9EV3SP | Math9 event 3 set point | *2 | *2 | R/W |
| 1073 | MA10EV3SP | Math10 event 3 set point | *2 | *2 | R/W |
| 1074 | MA11EV3SP | Math11 event 3 set point | *2 | *2 | R/W |

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|------|-----------|------------------------------------|----|-------|-----|
| 1075 | MA12EV3SP | Math12 event 3 set point | *2 | *2 | R/W |
| 1076 | MA13EV3SP | Math13 event 3 set point | *2 | *2 | R/W |
| 1077 | MA14EV3SP | Math14 event 3 set point | *2 | *2 | R/W |
| 1078 | MA15EV3SP | Math15 event 3 set point | *2 | *2 | R/W |
| 1079 | MA16EV3SP | Math16 event 3 set point | *2 | *2 | R/W |
| 1080 | MA17EV3SP | Math17 event 3 set point | *2 | *2 | R/W |
| 1081 | MA18EV3SP | Math18 event 3 set point | *2 | *2 | R/W |
| 1082 | AI1EV3RT | AI1 event 3 rate of change time | 0 | 65535 | R/W |
| 1083 | AI2EV3RT | AI2 event 3 rate of change time | 0 | 65535 | R/W |
| 1084 | AI3EV3RT | AI3 event 3 rate of change time | 0 | 65535 | R/W |
| 1085 | AI4EV3RT | AI4 event 3 rate of change time | 0 | 65535 | R/W |
| 1086 | AI5EV3RT | AI5 event 3 rate of change time | 0 | 65535 | R/W |
| 1087 | AI6EV3RT | AI6 event 3 rate of change time | 0 | 65535 | R/W |
| 1088 | AI7EV3RT | AI7 event 3 rate of change time | 0 | 65535 | R/W |
| 1089 | AI8EV3RT | AI8 event 3 rate of change time | 0 | 65535 | R/W |
| 1090 | AI9EV3RT | AI9 event 3 rate of change time | 0 | 65535 | R/W |
| 1091 | AI10EV3RT | AI10 event 3 rate of change time | 0 | 65535 | R/W |
| 1092 | AI11EV3RT | AI11 event 3 rate of change time | 0 | 65535 | R/W |
| 1093 | AI12EV3RT | AI12 event 3 rate of change time | 0 | 65535 | R/W |
| 1094 | AI13EV3RT | AI13 event 3 rate of change time | 0 | 65535 | R/W |
| 1095 | AI14EV3RT | AI14 event 3 rate of change time | 0 | 65535 | R/W |
| 1096 | AI15EV3RT | AI15 event 3 rate of change time | 0 | 65535 | R/W |
| 1097 | AI16EV3RT | AI16 event 3 rate of change time | 0 | 65535 | R/W |
| 1098 | AI17EV3RT | AI17 event 3 rate of change time | 0 | 65535 | R/W |
| 1099 | AI18EV3RT | AI18 event 3 rate of change time | 0 | 65535 | R/W |
| 1100 | MA1EV3RT | Math1 event 3 rate of change time | 0 | 65535 | R/W |
| 1101 | MA2EV3RT | Math2 event 3 rate of change time | 0 | 65535 | R/W |
| 1102 | MA3EV3RT | Math3 event 3 rate of change time | 0 | 65535 | R/W |
| 1103 | MA4EV3RT | Math4 event 3 rate of change time | 0 | 65535 | R/W |
| 1104 | MA5EV3RT | Math5 event 3 rate of change time | 0 | 65535 | R/W |
| 1105 | MA6EV3RT | Math6 event 3 rate of change time | 0 | 65535 | R/W |
| 1106 | MA7EV3RT | Math7 event 3 rate of change time | 0 | 65535 | R/W |
| 1107 | MA8EV3RT | Math8 event 3 rate of change time | 0 | 65535 | R/W |
| 1108 | MA9EV3RT | Math9 event 3 rate of change time | 0 | 65535 | R/W |
| 1109 | MA10EV3RT | Math10 event 3 rate of change time | 0 | 65535 | R/W |
| 1110 | MA11EV3RT | Math11 event 3 rate of change time | 0 | 65535 | R/W |
| 1111 | MA12EV3RT | Math12 event 3 rate of change time | 0 | 65535 | R/W |
| 1112 | MA13EV3RT | Math13 event 3 rate of change time | 0 | 65535 | R/W |
| 1113 | MA14EV3RT | Math14 event 3 rate of change time | 0 | 65535 | R/W |
| 1114 | MA15EV3RT | Math15 event 3 rate of change time | 0 | 65535 | R/W |
| 1115 | MA16EV3RT | Math16 event 3 rate of change time | 0 | 65535 | R/W |
| 1116 | MA17EV3RT | Math17 event 3 rate of change time | 0 | 65535 | R/W |
| 1117 | MA18EV3RT | Math18 event 3 rate of change time | 0 | 65535 | R/W |
| 1118 | AI1EV3JB1 | AI1 event 3 job 1 | 0 | 65535 | R/W |
| 1119 | AI2EV3JB1 | AI2 event 3 job 1 | 0 | 65535 | R/W |
| 1120 | AI3EV3JB1 | AI3 event 3 job 1 | 0 | 65535 | R/W |
| 1121 | AI4EV3JB1 | AI4 event 3 job 1 | 0 | 65535 | R/W |
| 1122 | AI5EV3JB1 | AI5 event 3 job 1 | 0 | 65535 | R/W |
| 1123 | AI6EV3JB1 | AI6 event 3 job 1 | 0 | 65535 | R/W |

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|------|------------|-------------------------------|---|-------|-----|
| 1124 | AI7EV3JB1 | AI7 event 3 job 1 | 0 | 65535 | R/W |
| 1125 | AI8EV3JB1 | AI8 event 3 job 1 | 0 | 65535 | R/W |
| 1126 | AI9EV3JB1 | AI9 event 3 job 1 | 0 | 65535 | R/W |
| 1127 | AI10EV3JB1 | AI10 event 3 job 1 | 0 | 65535 | R/W |
| 1128 | AI11EV3JB1 | AI11 event 3 job 1 | 0 | 65535 | R/W |
| 1129 | AI12EV3JB1 | AI12 event 3 job 1 | 0 | 65535 | R/W |
| 1130 | AI13EV3JB1 | AI13 event 3 job 1 | 0 | 65535 | R/W |
| 1131 | AI14EV3JB1 | AI14 event 3 job 1 | 0 | 65535 | R/W |
| 1132 | AI15EV3JB1 | AI15 event 3 job 1 | 0 | 65535 | R/W |
| 1133 | AI16EV3JB1 | AI16 event 3 job 1 | 0 | 65535 | R/W |
| 1134 | AI17EV3JB1 | AI17 event 3 job 1 | 0 | 65535 | R/W |
| 1135 | AI18EV3JB1 | AI18 event 3 job 1 | 0 | 65535 | R/W |
| 1136 | MA1EV3JB1 | Math1 event 3 job 1 | 0 | 65535 | R/W |
| 1137 | MA2EV3JB1 | Math2 event 3 job 1 | 0 | 65535 | R/W |
| 1138 | MA3EV3JB1 | Math3 event 3 job 1 | 0 | 65535 | R/W |
| 1139 | MA4EV3JB1 | Math4 event 3 job 1 | 0 | 65535 | R/W |
| 1140 | MA5EV3JB1 | Math5 event 3 job 1 | 0 | 65535 | R/W |
| 1141 | MA6EV3JB1 | Math6 event 3 job 1 | 0 | 65535 | R/W |
| 1142 | MA7EV3JB1 | Math7 event 3 job 1 | 0 | 65535 | R/W |
| 1143 | MA8EV3JB1 | Math8 event 3 job 1 | 0 | 65535 | R/W |
| 1144 | MA9EV3JB1 | Math9 event 3 job 1 | 0 | 65535 | R/W |
| 1145 | MA10EV3JB1 | Math10 event 3 job 1 | 0 | 65535 | R/W |
| 1146 | MA11EV3JB1 | Math11 event 3 job 1 | 0 | 65535 | R/W |
| 1147 | MA12EV3JB1 | Math12 event 3 job 1 | 0 | 65535 | R/W |
| 1148 | MA13EV3JB1 | Math13 event 3 job 1 | 0 | 65535 | R/W |
| 1149 | MA14EV3JB1 | Math14 event 3 job 1 | 0 | 65535 | R/W |
| 1150 | MA15EV3JB1 | Math15 event 3 job 1 | 0 | 65535 | R/W |
| 1151 | MA16EV3JB1 | Math16 event 3 job 1 | 0 | 65535 | R/W |
| 1152 | MA17EV3JB1 | Math17 event 3 job 1 | 0 | 65535 | R/W |
| 1153 | MA18EV3JB1 | Math18 event 3 job 1 | 0 | 65535 | R/W |
| 1154 | AI1EV3PM1 | AI1 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1155 | AI2EV3PM1 | AI2 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1156 | AI3EV3PM1 | AI3 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1157 | AI4EV3PM1 | AI4 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1158 | AI5EV3PM1 | AI5 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1159 | AI6EV3PM1 | AI6 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1160 | AI7EV3PM1 | AI7 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1161 | AI8EV3PM1 | AI8 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1162 | AI9EV3PM1 | AI9 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1163 | AI10EV3PM1 | AI10 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1164 | AI11EV3PM1 | AI11 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1165 | AI12EV3PM1 | AI12 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1166 | AI13EV3PM1 | AI13 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1167 | AI14EV3PM1 | AI14 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1168 | AI15EV3PM1 | AI15 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1169 | AI16EV3PM1 | AI16 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1170 | AI17EV3PM1 | AI17 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1171 | AI18EV3PM1 | AI18 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1172 | MA1EV3PM1 | Math1 event 3 job 1 parameter | 0 | 65535 | R/W |

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|------|------------|--------------------------------|---|-------|-----|
| 1173 | MA2EV3PM1 | Math2 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1174 | MA3EV3PM1 | Math3 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1175 | MA4EV3PM1 | Math4 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1176 | MA5EV3PM1 | Math5 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1177 | MA6EV3PM1 | Math6 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1178 | MA7EV3PM1 | Math7 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1179 | MA8EV3PM1 | Math8 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1180 | MA9EV3PM1 | Math9 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1181 | MA10EV3PM1 | Math10 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1182 | MA11EV3PM1 | Math11 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1183 | MA12EV3PM1 | Math12 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1184 | MA13EV3PM1 | Math13 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1185 | MA14EV3PM1 | Math14 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1186 | MA15EV3PM1 | Math15 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1187 | MA16EV3PM1 | Math16 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1188 | MA17EV3PM1 | Math17 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1189 | MA18EV3PM1 | Math18 event 3 job 1 parameter | 0 | 65535 | R/W |
| 1190 | AI1EV3JB2 | AI1 event 3 job 2 | 0 | 65535 | R/W |
| 1191 | AI2EV3JB2 | AI2 event 3 job 2 | 0 | 65535 | R/W |
| 1192 | AI3EV3JB2 | AI3 event 3 job 2 | 0 | 65535 | R/W |
| 1193 | AI4EV3JB2 | AI4 event 3 job 2 | 0 | 65535 | R/W |
| 1194 | AI5EV3JB2 | AI5 event 3 job 2 | 0 | 65535 | R/W |
| 1195 | AI6EV3JB2 | AI6 event 3 job 2 | 0 | 65535 | R/W |
| 1196 | AI7EV3JB2 | AI7 event 3 job 2 | 0 | 65535 | R/W |
| 1197 | AI8EV3JB2 | AI8 event 3 job 2 | 0 | 65535 | R/W |
| 1198 | AI9EV3JB2 | AI9 event 3 job 2 | 0 | 65535 | R/W |
| 1199 | AI10EV3JB2 | AI10 event 3 job 2 | 0 | 65535 | R/W |
| 1200 | AI11EV3JB2 | AI11 event 3 job 2 | 0 | 65535 | R/W |
| 1201 | AI12EV3JB2 | AI12 event 3 job 2 | 0 | 65535 | R/W |
| 1202 | AI13EV3JB2 | AI13 event 3 job 2 | 0 | 65535 | R/W |
| 1203 | AI14EV3JB2 | AI14 event 3 job 2 | 0 | 65535 | R/W |
| 1204 | AI15EV3JB2 | AI15 event 3 job 2 | 0 | 65535 | R/W |
| 1205 | AI16EV3JB2 | AI16 event 3 job 2 | 0 | 65535 | R/W |
| 1206 | AI17EV3JB2 | AI17 event 3 job 2 | 0 | 65535 | R/W |
| 1207 | AI18EV3JB2 | AI18 event 3 job 2 | 0 | 65535 | R/W |
| 1208 | MA1EV3JB2 | Math1 event 3 job 2 | 0 | 65535 | R/W |
| 1209 | MA2EV3JB2 | Math2 event 3 job 2 | 0 | 65535 | R/W |
| 1210 | MA3EV3JB2 | Math3 event 3 job 2 | 0 | 65535 | R/W |
| 1211 | MA4EV3JB2 | Math4 event 3 job 2 | 0 | 65535 | R/W |
| 1212 | MA5EV3JB2 | Math5 event 3 job 2 | 0 | 65535 | R/W |
| 1213 | MA6EV3JB2 | Math6 event 3 job 2 | 0 | 65535 | R/W |
| 1214 | MA7EV3JB2 | Math7 event 3 job 2 | 0 | 65535 | R/W |
| 1215 | MA8EV3JB2 | Math8 event 3 job 2 | 0 | 65535 | R/W |
| 1216 | MA9EV3JB2 | Math9 event 3 job 2 | 0 | 65535 | R/W |
| 1217 | MA10EV3JB2 | Math10 event 3 job 2 | 0 | 65535 | R/W |
| 1218 | MA11EV3JB2 | Math11 event 3 job 2 | 0 | 65535 | R/W |
| 1219 | MA12EV3JB2 | Math12 event 3 job 2 | 0 | 65535 | R/W |
| 1220 | MA13EV3JB2 | Math13 event 3 job 2 | 0 | 65535 | R/W |
| 1221 | MA14EV3JB2 | Math14 event 3 job 2 | 0 | 65535 | R/W |

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|------|------------|--------------------------------|---|-------|-----|
| 1222 | MA15EV3JB2 | Math15 event 3 job 2 | 0 | 65535 | R/W |
| 1223 | MA16EV3JB2 | Math16 event 3 job 2 | 0 | 65535 | R/W |
| 1224 | MA17EV3JB2 | Math17 event 3 job 2 | 0 | 65535 | R/W |
| 1225 | MA18EV3JB2 | Math18 event 3 job 2 | 0 | 65535 | R/W |
| 1226 | A11EV3PM2 | A11 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1227 | A12EV3PM2 | A12 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1228 | A13EV3PM2 | A13 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1229 | A14EV3PM2 | A14 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1230 | A15EV3PM2 | A15 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1231 | A16EV3PM2 | A16 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1232 | A17EV3PM2 | A17 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1233 | A18EV3PM2 | A18 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1234 | A19EV3PM2 | A19 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1235 | A110EV3PM2 | A110 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1236 | A111EV3PM2 | A111 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1237 | A112EV3PM2 | A112 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1238 | A113EV3PM2 | A113 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1239 | A114EV3PM2 | A114 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1240 | A115EV3PM2 | A115 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1241 | A116EV3PM2 | A116 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1242 | A117EV3PM2 | A117 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1243 | A118EV3PM2 | A118 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1244 | MA1EV3PM2 | Math1 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1245 | MA2EV3PM2 | Math2 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1246 | MA3EV3PM2 | Math3 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1247 | MA4EV3PM2 | Math4 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1248 | MA5EV3PM2 | Math5 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1249 | MA6EV3PM2 | Math6 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1250 | MA7EV3PM2 | Math7 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1251 | MA8EV3PM2 | Math8 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1252 | MA9EV3PM2 | Math9 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1253 | MA10EV3PM2 | Math10 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1254 | MA11EV3PM2 | Math11 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1255 | MA12EV3PM2 | Math12 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1256 | MA13EV3PM2 | Math13 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1257 | MA14EV3PM2 | Math14 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1258 | MA15EV3PM2 | Math15 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1259 | MA16EV3PM2 | Math16 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1260 | MA17EV3PM2 | Math17 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1261 | MA18EV3PM2 | Math18 event 3 job 2 parameter | 0 | 65535 | R/W |
| 1262 | A11EV4TP | A11 event 4 type | 0 | 65535 | R/W |
| 1263 | A12EV4TP | A12 event 4 type | 0 | 65535 | R/W |
| 1264 | A13EV4TP | A13 event 4 type | 0 | 65535 | R/W |
| 1265 | A14EV4TP | A14 event 4 type | 0 | 65535 | R/W |
| 1266 | A15EV4TP | A15 event 4 type | 0 | 65535 | R/W |
| 1267 | A16EV4TP | A16 event 4 type | 0 | 65535 | R/W |
| 1268 | A17EV4TP | A17 event 4 type | 0 | 65535 | R/W |
| 1269 | A18EV4TP | A18 event 4 type | 0 | 65535 | R/W |
| 1270 | A19EV4TP | A19 event 4 type | 0 | 65535 | R/W |

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|------|-----------|-------------------------|----|-------|-----|
| 1271 | AI10EV4TP | AI10 event 4 type | 0 | 65535 | R/W |
| 1272 | AI11EV4TP | AI11 event 4 type | 0 | 65535 | R/W |
| 1273 | AI12EV4TP | AI12 event 4 type | 0 | 65535 | R/W |
| 1274 | AI13EV4TP | AI13 event 4 type | 0 | 65535 | R/W |
| 1275 | AI14EV4TP | AI14 event 4 type | 0 | 65535 | R/W |
| 1276 | AI15EV4TP | AI15 event 4 type | 0 | 65535 | R/W |
| 1277 | AI16EV4TP | AI16 event 4 type | 0 | 65535 | R/W |
| 1278 | AI17EV4TP | AI17 event 4 type | 0 | 65535 | R/W |
| 1279 | AI18EV4TP | AI18 event 4 type | 0 | 65535 | R/W |
| 1280 | MA1EV4TP | Math1 event 4 type | 0 | 65535 | R/W |
| 1281 | MA2EV4TP | Math2 event 4 type | 0 | 65535 | R/W |
| 1282 | MA3EV4TP | Math3 event 4 type | 0 | 65535 | R/W |
| 1283 | MA4EV4TP | Math4 event 4 type | 0 | 65535 | R/W |
| 1284 | MA5EV4TP | Math5 event 4 type | 0 | 65535 | R/W |
| 1285 | MA6EV4TP | Math6 event 4 type | 0 | 65535 | R/W |
| 1286 | MA7EV4TP | Math7 event 4 type | 0 | 65535 | R/W |
| 1287 | MA8EV4TP | Math8 event 4 type | 0 | 65535 | R/W |
| 1288 | MA9EV4TP | Math9 event 4 type | 0 | 65535 | R/W |
| 1289 | MA10EV4TP | Math10 event 4 type | 0 | 65535 | R/W |
| 1290 | MA11EV4TP | Math11 event 4 type | 0 | 65535 | R/W |
| 1291 | MA12EV4TP | Math12 event 4 type | 0 | 65535 | R/W |
| 1292 | MA13EV4TP | Math13 event 4 type | 0 | 65535 | R/W |
| 1293 | MA14EV4TP | Math14 event 4 type | 0 | 65535 | R/W |
| 1294 | MA15EV4TP | Math15 event 4 type | 0 | 65535 | R/W |
| 1295 | MA16EV4TP | Math16 event 4 type | 0 | 65535 | R/W |
| 1296 | MA17EV4TP | Math17 event 4 type | 0 | 65535 | R/W |
| 1297 | MA18EV4TP | Math18 event 4 type | 0 | 65535 | R/W |
| 1298 | AI1EV4SP | AI1 event 4 set point | *1 | *1 | R/W |
| 1299 | AI2EV4SP | AI2 event 4 set point | *1 | *1 | R/W |
| 1300 | AI3EV4SP | AI3 event 4 set point | *1 | *1 | R/W |
| 1301 | AI4EV4SP | AI4 event 4 set point | *1 | *1 | R/W |
| 1302 | AI5EV4SP | AI5 event 4 set point | *1 | *1 | R/W |
| 1303 | AI6EV4SP | AI6 event 4 set point | *1 | *1 | R/W |
| 1304 | AI7EV4SP | AI7 event 4 set point | *1 | *1 | R/W |
| 1305 | AI8EV4SP | AI8 event 4 set point | *1 | *1 | R/W |
| 1306 | AI9EV4SP | AI9 event 4 set point | *1 | *1 | R/W |
| 1307 | AI10EV4SP | AI10 event 4 set point | *1 | *1 | R/W |
| 1308 | AI11EV4SP | AI11 event 4 set point | *1 | *1 | R/W |
| 1309 | AI12EV4SP | AI12 event 4 set point | *1 | *1 | R/W |
| 1310 | AI13EV4SP | AI13 event 4 set point | *1 | *1 | R/W |
| 1311 | AI14EV4SP | AI14 event 4 set point | *1 | *1 | R/W |
| 1312 | AI15EV4SP | AI15 event 4 set point | *1 | *1 | R/W |
| 1313 | AI16EV4SP | AI16 event 4 set point | *1 | *1 | R/W |
| 1314 | AI17EV4SP | AI17 event 4 set point | *1 | *1 | R/W |
| 1315 | AI18EV4SP | AI18 event 4 set point | *1 | *1 | R/W |
| 1316 | MA1EV4SP | Math1 event 4 set point | *2 | *2 | R/W |
| 1317 | MA2EV4SP | Math2 event 4 set point | *2 | *2 | R/W |
| 1318 | MA3EV4SP | Math3 event 4 set point | *2 | *2 | R/W |
| 1319 | MA4EV4SP | Math4 event 4 set point | *2 | *2 | R/W |

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|------|-----------|------------------------------------|----|-------|-----|
| 1320 | MA5EV4SP | Math5 event 4 set point | *2 | *2 | R/W |
| 1321 | MA6EV4SP | Math6 event 4 set point | *2 | *2 | R/W |
| 1322 | MA7EV4SP | Math7 event 4 set point | *2 | *2 | R/W |
| 1323 | MA8EV4SP | Math8 event 4 set point | *2 | *2 | R/W |
| 1324 | MA9EV4SP | Math9 event 4 set point | *2 | *2 | R/W |
| 1325 | MA10EV4SP | Math10 event 4 set point | *2 | *2 | R/W |
| 1326 | MA11EV4SP | Math11 event 4 set point | *2 | *2 | R/W |
| 1327 | MA12EV4SP | Math12 event 4 set point | *2 | *2 | R/W |
| 1328 | MA13EV4SP | Math13 event 4 set point | *2 | *2 | R/W |
| 1329 | MA14EV4SP | Math14 event 4 set point | *2 | *2 | R/W |
| 1330 | MA15EV4SP | Math15 event 4 set point | *2 | *2 | R/W |
| 1331 | MA16EV4SP | Math16 event 4 set point | *2 | *2 | R/W |
| 1332 | MA17EV4SP | Math17 event 4 set point | *2 | *2 | R/W |
| 1333 | MA18EV4SP | Math18 event 4 set point | *2 | *2 | R/W |
| 1334 | AI1EV4RT | AI1 event 4 rate of change time | 0 | 65535 | R/W |
| 1335 | AI2EV4RT | AI2 event 4 rate of change time | 0 | 65535 | R/W |
| 1336 | AI3EV4RT | AI3 event 4 rate of change time | 0 | 65535 | R/W |
| 1337 | AI4EV4RT | AI4 event 4 rate of change time | 0 | 65535 | R/W |
| 1338 | AI5EV4RT | AI5 event 4 rate of change time | 0 | 65535 | R/W |
| 1339 | AI6EV4RT | AI6 event 4 rate of change time | 0 | 65535 | R/W |
| 1340 | AI7EV4RT | AI7 event 4 rate of change time | 0 | 65535 | R/W |
| 1341 | AI8EV4RT | AI8 event 4 rate of change time | 0 | 65535 | R/W |
| 1342 | AI9EV4RT | AI9 event 4 rate of change time | 0 | 65535 | R/W |
| 1343 | AI10EV4RT | AI10 event 4 rate of change time | 0 | 65535 | R/W |
| 1344 | AI11EV4RT | AI11 event 4 rate of change time | 0 | 65535 | R/W |
| 1345 | AI12EV4RT | AI12 event 4 rate of change time | 0 | 65535 | R/W |
| 1346 | AI13EV4RT | AI13 event 4 rate of change time | 0 | 65535 | R/W |
| 1347 | AI14EV4RT | AI14 event 4 rate of change time | 0 | 65535 | R/W |
| 1348 | AI15EV4RT | AI15 event 4 rate of change time | 0 | 65535 | R/W |
| 1349 | AI16EV4RT | AI16 event 4 rate of change time | 0 | 65535 | R/W |
| 1350 | AI17EV4RT | AI17 event 4 rate of change time | 0 | 65535 | R/W |
| 1351 | AI18EV4RT | AI18 event 4 rate of change time | 0 | 65535 | R/W |
| 1352 | MA1EV4RT | Math1 event 4 rate of change time | 0 | 65535 | R/W |
| 1353 | MA2EV4RT | Math2 event 4 rate of change time | 0 | 65535 | R/W |
| 1354 | MA3EV4RT | Math3 event 4 rate of change time | 0 | 65535 | R/W |
| 1355 | MA4EV4RT | Math4 event 4 rate of change time | 0 | 65535 | R/W |
| 1356 | MA5EV4RT | Math5 event 4 rate of change time | 0 | 65535 | R/W |
| 1357 | MA6EV4RT | Math6 event 4 rate of change time | 0 | 65535 | R/W |
| 1358 | MA7EV4RT | Math7 event 4 rate of change time | 0 | 65535 | R/W |
| 1359 | MA8EV4RT | Math8 event 4 rate of change time | 0 | 65535 | R/W |
| 1360 | MA9EV4RT | Math9 event 4 rate of change time | 0 | 65535 | R/W |
| 1361 | MA10EV4RT | Math10 event 4 rate of change time | 0 | 65535 | R/W |
| 1362 | MA11EV4RT | Math11 event 4 rate of change time | 0 | 65535 | R/W |
| 1363 | MA12EV4RT | Math12 event 4 rate of change time | 0 | 65535 | R/W |
| 1364 | MA13EV4RT | Math13 event 4 rate of change time | 0 | 65535 | R/W |
| 1365 | MA14EV4RT | Math14 event 4 rate of change time | 0 | 65535 | R/W |
| 1366 | MA15EV4RT | Math15 event 4 rate of change time | 0 | 65535 | R/W |
| 1367 | MA16EV4RT | Math16 event 4 rate of change time | 0 | 65535 | R/W |
| 1368 | MA17EV4RT | Math17 event 4 rate of change time | 0 | 65535 | R/W |

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|------|------------|------------------------------------|---|-------|-----|
| 1369 | MA18EV4RT | Math18 event 4 rate of change time | 0 | 65535 | R/W |
| 1370 | AI1EV4JB1 | AI1 event 4 job 1 | 0 | 65535 | R/W |
| 1371 | AI2EV4JB1 | AI2 event 4 job 1 | 0 | 65535 | R/W |
| 1372 | AI3EV4JB1 | AI3 event 4 job 1 | 0 | 65535 | R/W |
| 1373 | AI4EV4JB1 | AI4 event 4 job 1 | 0 | 65535 | R/W |
| 1374 | AI5EV4JB1 | AI5 event 4 job 1 | 0 | 65535 | R/W |
| 1375 | AI6EV4JB1 | AI6 event 4 job 1 | 0 | 65535 | R/W |
| 1376 | AI7EV4JB1 | AI7 event 4 job 1 | 0 | 65535 | R/W |
| 1377 | AI8EV4JB1 | AI8 event 4 job 1 | 0 | 65535 | R/W |
| 1378 | AI9EV4JB1 | AI9 event 4 job 1 | 0 | 65535 | R/W |
| 1379 | AI10EV4JB1 | AI10 event 4 job 1 | 0 | 65535 | R/W |
| 1380 | AI11EV4JB1 | AI11 event 4 job 1 | 0 | 65535 | R/W |
| 1381 | AI12EV4JB1 | AI12 event 4 job 1 | 0 | 65535 | R/W |
| 1382 | AI13EV4JB1 | AI13 event 4 job 1 | 0 | 65535 | R/W |
| 1383 | AI14EV4JB1 | AI14 event 4 job 1 | 0 | 65535 | R/W |
| 1384 | AI15EV4JB1 | AI15 event 4 job 1 | 0 | 65535 | R/W |
| 1385 | AI16EV4JB1 | AI16 event 4 job 1 | 0 | 65535 | R/W |
| 1386 | AI17EV4JB1 | AI17 event 4 job 1 | 0 | 65535 | R/W |
| 1387 | AI18EV4JB1 | AI18 event 4 job 1 | 0 | 65535 | R/W |
| 1388 | MA1EV4JB1 | Math1 event 4 job 1 | 0 | 65535 | R/W |
| 1389 | MA2EV4JB1 | Math2 event 4 job 1 | 0 | 65535 | R/W |
| 1390 | MA3EV4JB1 | Math3 event 4 job 1 | 0 | 65535 | R/W |
| 1391 | MA4EV4JB1 | Math4 event 4 job 1 | 0 | 65535 | R/W |
| 1392 | MA5EV4JB1 | Math5 event 4 job 1 | 0 | 65535 | R/W |
| 1393 | MA6EV4JB1 | Math6 event 4 job 1 | 0 | 65535 | R/W |
| 1394 | MA7EV4JB1 | Math7 event 4 job 1 | 0 | 65535 | R/W |
| 1395 | MA8EV4JB1 | Math8 event 4 job 1 | 0 | 65535 | R/W |
| 1396 | MA9EV4JB1 | Math9 event 4 job 1 | 0 | 65535 | R/W |
| 1397 | MA10EV4JB1 | Math10 event 4 job 1 | 0 | 65535 | R/W |
| 1398 | MA11EV4JB1 | Math11 event 4 job 1 | 0 | 65535 | R/W |
| 1399 | MA12EV4JB1 | Math12 event 4 job 1 | 0 | 65535 | R/W |
| 1400 | MA13EV4JB1 | Math13 event 4 job 1 | 0 | 65535 | R/W |
| 1401 | MA14EV4JB1 | Math14 event 4 job 1 | 0 | 65535 | R/W |
| 1402 | MA15EV4JB1 | Math15 event 4 job 1 | 0 | 65535 | R/W |
| 1403 | MA16EV4JB1 | Math16 event 4 job 1 | 0 | 65535 | R/W |
| 1404 | MA17EV4JB1 | Math17 event 4 job 1 | 0 | 65535 | R/W |
| 1405 | MA18EV4JB1 | Math18 event 4 job 1 | 0 | 65535 | R/W |
| 1406 | AI1EV4PM1 | AI1 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1407 | AI2EV4PM1 | AI2 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1408 | AI3EV4PM1 | AI3 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1409 | AI4EV4PM1 | AI4 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1410 | AI5EV4PM1 | AI5 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1411 | AI6EV4PM1 | AI6 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1412 | AI7EV4PM1 | AI7 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1413 | AI8EV4PM1 | AI8 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1414 | AI9EV4PM1 | AI9 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1415 | AI10EV4PM1 | AI10 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1416 | AI11EV4PM1 | AI11 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1417 | AI12EV4PM1 | AI12 event 4 job 1 parameter | 0 | 65535 | R/W |

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|------|------------|--------------------------------|---|-------|-----|
| 1418 | AI13EV4PM1 | AI13 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1419 | AI14EV4PM1 | AI14 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1420 | AI15EV4PM1 | AI15 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1421 | AI16EV4PM1 | AI16 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1422 | AI17EV4PM1 | AI17 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1423 | AI18EV4PM1 | AI18 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1424 | MA1EV4PM1 | Math1 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1425 | MA2EV4PM1 | Math2 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1426 | MA3EV4PM1 | Math3 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1427 | MA4EV4PM1 | Math4 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1428 | MA5EV4PM1 | Math5 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1429 | MA6EV4PM1 | Math6 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1430 | MA7EV4PM1 | Math7 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1431 | MA8EV4PM1 | Math8 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1432 | MA9EV4PM1 | Math9 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1433 | MA10EV4PM1 | Math10 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1434 | MA11EV4PM1 | Math11 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1435 | MA12EV4PM1 | Math12 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1436 | MA13EV4PM1 | Math13 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1437 | MA14EV4PM1 | Math14 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1438 | MA15EV4PM1 | Math15 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1439 | MA16EV4PM1 | Math16 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1440 | MA17EV4PM1 | Math17 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1441 | MA18EV4PM1 | Math18 event 4 job 1 parameter | 0 | 65535 | R/W |
| 1442 | AI1EV4JB2 | AI1 event 4 job 2 | 0 | 65535 | R/W |
| 1443 | AI2EV4JB2 | AI2 event 4 job 2 | 0 | 65535 | R/W |
| 1444 | AI3EV4JB2 | AI3 event 4 job 2 | 0 | 65535 | R/W |
| 1445 | AI4EV4JB2 | AI4 event 4 job 2 | 0 | 65535 | R/W |
| 1446 | AI5EV4JB2 | AI5 event 4 job 2 | 0 | 65535 | R/W |
| 1447 | AI6EV4JB2 | AI6 event 4 job 2 | 0 | 65535 | R/W |
| 1448 | AI7EV4JB2 | AI7 event 4 job 2 | 0 | 65535 | R/W |
| 1449 | AI8EV4JB2 | AI8 event 4 job 2 | 0 | 65535 | R/W |
| 1450 | AI9EV4JB2 | AI9 event 4 job 2 | 0 | 65535 | R/W |
| 1451 | AI10EV4JB2 | AI10 event 4 job 2 | 0 | 65535 | R/W |
| 1452 | AI11EV4JB2 | AI11 event 4 job 2 | 0 | 65535 | R/W |
| 1453 | AI12EV4JB2 | AI12 event 4 job 2 | 0 | 65535 | R/W |
| 1454 | AI13EV4JB2 | AI13 event 4 job 2 | 0 | 65535 | R/W |
| 1455 | AI14EV4JB2 | AI14 event 4 job 2 | 0 | 65535 | R/W |
| 1456 | AI15EV4JB2 | AI15 event 4 job 2 | 0 | 65535 | R/W |
| 1457 | AI16EV4JB2 | AI16 event 4 job 2 | 0 | 65535 | R/W |
| 1458 | AI17EV4JB2 | AI17 event 4 job 2 | 0 | 65535 | R/W |
| 1459 | AI18EV4JB2 | AI18 event 4 job 2 | 0 | 65535 | R/W |
| 1460 | MA1EV4JB2 | Math1 event 4 job 2 | 0 | 65535 | R/W |
| 1461 | MA2EV4JB2 | Math2 event 4 job 2 | 0 | 65535 | R/W |
| 1462 | MA3EV4JB2 | Math3 event 4 job 2 | 0 | 65535 | R/W |
| 1463 | MA4EV4JB2 | Math4 event 4 job 2 | 0 | 65535 | R/W |
| 1464 | MA5EV4JB2 | Math5 event 4 job 2 | 0 | 65535 | R/W |
| 1465 | MA6EV4JB2 | Math6 event 4 job 2 | 0 | 65535 | R/W |
| 1466 | MA7EV4JB2 | Math7 event 4 job 2 | 0 | 65535 | R/W |

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|------|------------|--------------------------------|---|-------|-----|
| 1467 | MA8EV4JB2 | Math8 event 4 job 2 | 0 | 65535 | R/W |
| 1468 | MA9EV4JB2 | Math9 event 4 job 2 | 0 | 65535 | R/W |
| 1469 | MA10EV4JB2 | Math10 event 4 job 2 | 0 | 65535 | R/W |
| 1470 | MA11EV4JB2 | Math11 event 4 job 2 | 0 | 65535 | R/W |
| 1471 | MA12EV4JB2 | Math12 event 4 job 2 | 0 | 65535 | R/W |
| 1472 | MA13EV4JB2 | Math13 event 4 job 2 | 0 | 65535 | R/W |
| 1473 | MA14EV4JB2 | Math14 event 4 job 2 | 0 | 65535 | R/W |
| 1474 | MA15EV4JB2 | Math15 event 4 job 2 | 0 | 65535 | R/W |
| 1475 | MA16EV4JB2 | Math16 event 4 job 2 | 0 | 65535 | R/W |
| 1476 | MA17EV4JB2 | Math17 event 4 job 2 | 0 | 65535 | R/W |
| 1477 | MA18EV4JB2 | Math18 event 4 job 2 | 0 | 65535 | R/W |
| 1478 | AI1EV4PM2 | AI1 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1479 | AI2EV4PM2 | AI2 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1480 | AI3EV4PM2 | AI3 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1481 | AI4EV4PM2 | AI4 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1482 | AI5EV4PM2 | AI5 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1483 | AI6EV4PM2 | AI6 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1484 | AI7EV4PM2 | AI7 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1485 | AI8EV4PM2 | AI8 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1486 | AI9EV4PM2 | AI9 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1487 | AI10EV4PM2 | AI10 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1488 | AI11EV4PM2 | AI11 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1489 | AI12EV4PM2 | AI12 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1490 | AI13EV4PM2 | AI13 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1491 | AI14EV4PM2 | AI14 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1492 | AI15EV4PM2 | AI15 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1493 | AI16EV4PM2 | AI16 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1494 | AI17EV4PM2 | AI17 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1495 | AI18EV4PM2 | AI18 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1496 | MA1EV4PM2 | Math1 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1497 | MA2EV4PM2 | Math2 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1498 | MA3EV4PM2 | Math3 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1499 | MA4EV4PM2 | Math4 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1500 | MA5EV4PM2 | Math5 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1501 | MA6EV4PM2 | Math6 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1502 | MA7EV4PM2 | Math7 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1503 | MA8EV4PM2 | Math8 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1504 | MA9EV4PM2 | Math9 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1505 | MA10EV4PM2 | Math10 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1506 | MA11EV4PM2 | Math11 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1507 | MA12EV4PM2 | Math12 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1508 | MA13EV4PM2 | Math13 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1509 | MA14EV4PM2 | Math14 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1510 | MA15EV4PM2 | Math15 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1511 | MA16EV4PM2 | Math16 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1512 | MA17EV4PM2 | Math17 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1513 | MA18EV4PM2 | Math18 event 4 job 2 parameter | 0 | 65535 | R/W |
| 1514 | PG1MD | Page 1 mode | 0 | 65535 | R/W |
| 1515 | PG2MD | Page 2 mode | 0 | 65535 | R/W |

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|------|----------|-------------------------------|---|-------|-----|
| 1516 | PG3MD | Page 3 mode | 0 | 65535 | R/W |
| 1517 | PG4MD | Page 4 mode | 0 | 65535 | R/W |
| 1518 | PG5MD | Page 5 mode | 0 | 65535 | R/W |
| 1519 | PG6MD | Page 6 mode | 0 | 65535 | R/W |
| 1520 | PG1DT | Page 1 trend direction | 0 | 65535 | R/W |
| 1521 | PG2DT | Page 2 trend direction | 0 | 65535 | R/W |
| 1522 | PG3DT | Page 3 trend direction | 0 | 65535 | R/W |
| 1523 | PG4DT | Page 4 trend direction | 0 | 65535 | R/W |
| 1524 | PG5DT | Page 5 trend direction | 0 | 65535 | R/W |
| 1525 | PG6DT | Page 6 trend direction | 0 | 65535 | R/W |
| 1526 | PG1BG | Page 1 trend background color | 0 | 65535 | R/W |
| 1527 | PG2BG | Page 2 trend background color | 0 | 65535 | R/W |
| 1528 | PG3BG | Page 3 trend background color | 0 | 65535 | R/W |
| 1529 | PG4BG | Page 4 trend background color | 0 | 65535 | R/W |
| 1530 | PG5BG | Page 5 trend background color | 0 | 65535 | R/W |
| 1531 | PG6BG | Page 6 trend background color | 0 | 65535 | R/W |
| 1532 | PG1DI | Page 1 DI status bar | 0 | 65535 | R/W |
| 1533 | PG2DI | Page 2 DI status bar | 0 | 65535 | R/W |
| 1534 | PG3DI | Page 3 DI status bar | 0 | 65535 | R/W |
| 1535 | PG4DI | Page 4 DI status bar | 0 | 65535 | R/W |
| 1536 | PG5DI | Page 5 DI status bar | 0 | 65535 | R/W |
| 1537 | PG6DI | Page 6 DI status bar | 0 | 65535 | R/W |
| 1538 | PG1DO | Page 1 DO status bar | 0 | 65535 | R/W |
| 1539 | PG2DO | Page 2 DO status bar | 0 | 65535 | R/W |
| 1540 | PG3DO | Page 3 DO status bar | 0 | 65535 | R/W |
| 1541 | PG4DO | Page 4 DO status bar | 0 | 65535 | R/W |
| 1542 | PG5DO | Page 5 DO status bar | 0 | 65535 | R/W |
| 1543 | PG6DO | Page 6 DO status bar | 0 | 65535 | R/W |
| 1544 | PG1TZ | Page 1 totalizer status bar | 0 | 65535 | R/W |
| 1545 | PG2TZ | Page 2 totalizer status bar | 0 | 65535 | R/W |
| 1546 | PG3TZ | Page 3 totalizer status bar | 0 | 65535 | R/W |
| 1547 | PG4TZ | Page 4 totalizer status bar | 0 | 65535 | R/W |
| 1548 | PG5TZ | Page 5 totalizer status bar | 0 | 65535 | R/W |
| 1549 | PG6TZ | Page 6 totalizer status bar | 0 | 65535 | R/W |
| 1550 | PG1CT | Page 1 counter status bar | 0 | 65535 | R/W |
| 1551 | PG2CT | Page 2 counter status bar | 0 | 65535 | R/W |
| 1552 | PG3CT | Page 3 counter status bar | 0 | 65535 | R/W |
| 1553 | PG4CT | Page 4 counter status bar | 0 | 65535 | R/W |
| 1554 | PG5CT | Page 5 counter status bar | 0 | 65535 | R/W |
| 1555 | PG6CT | Page 6 counter status bar | 0 | 65535 | R/W |
| 1556 | PG1PN1CH | Page 1 pen 1 channel | 0 | 65535 | R/W |
| 1557 | PG2PN1CH | Page 2 pen 1 channel | 0 | 65535 | R/W |
| 1558 | PG3PN1CH | Page 3 pen 1 channel | 0 | 65535 | R/W |
| 1559 | PG4PN1CH | Page 4 pen 1 channel | 0 | 65535 | R/W |
| 1560 | PG5PN1CH | Page 5 pen 1 channel | 0 | 65535 | R/W |
| 1561 | PG6PN1CH | Page 6 pen 1 channel | 0 | 65535 | R/W |
| 1562 | PG1PN1CR | Page 1 pen 1 color | 0 | 65535 | R/W |
| 1563 | PG2PN1CR | Page 2 pen 1 color | 0 | 65535 | R/W |
| 1564 | PG3PN1CR | Page 3 pen 1 color | 0 | 65535 | R/W |

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|------|----------|--------------------------------|----|-------|-----|
| 1565 | PG4PN1CR | Page 4 pen 1 color | 0 | 65535 | R/W |
| 1566 | PG5PN1CR | Page 5 pen 1 color | 0 | 65535 | R/W |
| 1567 | PG6PN1CR | Page 6 pen 1 color | 0 | 65535 | R/W |
| 1568 | PG1PN1WT | Page 1 pen 1 width | 0 | 65535 | R/W |
| 1569 | PG2PN1WT | Page 2 pen 1 width | 0 | 65535 | R/W |
| 1570 | PG3PN1WT | Page 3 pen 1 width | 0 | 65535 | R/W |
| 1571 | PG4PN1WT | Page 4 pen 1 width | 0 | 65535 | R/W |
| 1572 | PG5PN1WT | Page 5 pen 1 width | 0 | 65535 | R/W |
| 1573 | PG6PN1WT | Page 6 pen 1 width | 0 | 65535 | R/W |
| 1574 | PG1PN1LO | Page 1 pen 1 display rang low | *3 | *3 | R/W |
| 1575 | PG2PN1LO | Page 2 pen 1 display rang low | *3 | *3 | R/W |
| 1576 | PG3PN1LO | Page 3 pen 1 display rang low | *3 | *3 | R/W |
| 1577 | PG4PN1LO | Page 4 pen 1 display rang low | *3 | *3 | R/W |
| 1578 | PG5PN1LO | Page 5 pen 1 display rang low | *3 | *3 | R/W |
| 1579 | PG6PN1LO | Page 6 pen 1 display rang low | *3 | *3 | R/W |
| 1580 | PG1PN1HI | Page 1 pen 1 display rang high | *3 | *3 | R/W |
| 1581 | PG2PN1HI | Page 2 pen 1 display rang high | *3 | *3 | R/W |
| 1582 | PG3PN1HI | Page 3 pen 1 display rang high | *3 | *3 | R/W |
| 1583 | PG4PN1HI | Page 4 pen 1 display rang high | *3 | *3 | R/W |
| 1584 | PG5PN1HI | Page 5 pen 1 display rang high | *3 | *3 | R/W |
| 1585 | PG6PN1HI | Page 6 pen 1 display rang high | *3 | *3 | R/W |
| 1586 | PG1PN2CH | Page 1 pen 2 channel | 0 | 65535 | R/W |
| 1587 | PG2PN2CH | Page 2 pen 2 channel | 0 | 65535 | R/W |
| 1588 | PG3PN2CH | Page 3 pen 2 channel | 0 | 65535 | R/W |
| 1589 | PG4PN2CH | Page 4 pen 2 channel | 0 | 65535 | R/W |
| 1590 | PG5PN2CH | Page 5 pen 2 channel | 0 | 65535 | R/W |
| 1591 | PG6PN2CH | Page 6 pen 2 channel | 0 | 65535 | R/W |
| 1592 | PG1PN2CR | Page 1 pen 2 color | 0 | 65535 | R/W |
| 1593 | PG2PN2CR | Page 2 pen 2 color | 0 | 65535 | R/W |
| 1594 | PG3PN2CR | Page 3 pen 2 color | 0 | 65535 | R/W |
| 1595 | PG4PN2CR | Page 4 pen 2 color | 0 | 65535 | R/W |
| 1596 | PG5PN2CR | Page 5 pen 2 color | 0 | 65535 | R/W |
| 1597 | PG6PN2CR | Page 6 pen 2 color | 0 | 65535 | R/W |
| 1598 | PG1PN2WT | Page 1 pen 2 width | 0 | 65535 | R/W |
| 1599 | PG2PN2WT | Page 2 pen 2 width | 0 | 65535 | R/W |
| 1600 | PG3PN2WT | Page 3 pen 2 width | 0 | 65535 | R/W |
| 1601 | PG4PN2WT | Page 4 pen 2 width | 0 | 65535 | R/W |
| 1602 | PG5PN2WT | Page 5 pen 2 width | 0 | 65535 | R/W |
| 1603 | PG6PN2WT | Page 6 pen 2 width | 0 | 65535 | R/W |
| 1604 | PG1PN2LO | Page 1 pen 2 display rang low | *3 | *3 | R/W |
| 1605 | PG2PN2LO | Page 2 pen 2 display rang low | *3 | *3 | R/W |
| 1606 | PG3PN2LO | Page 3 pen 2 display rang low | *3 | *3 | R/W |
| 1607 | PG4PN2LO | Page 4 pen 2 display rang low | *3 | *3 | R/W |
| 1608 | PG5PN2LO | Page 5 pen 2 display rang low | *3 | *3 | R/W |
| 1609 | PG6PN2LO | Page 6 pen 2 display rang low | *3 | *3 | R/W |
| 1610 | PG1PN2HI | Page 1 pen 2 display rang high | *3 | *3 | R/W |
| 1611 | PG2PN2HI | Page 2 pen 2 display rang high | *3 | *3 | R/W |
| 1612 | PG3PN2HI | Page 3 pen 2 display rang high | *3 | *3 | R/W |
| 1613 | PG4PN2HI | Page 4 pen 2 display rang high | *3 | *3 | R/W |

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|------|----------|--------------------------------|----|-------|-----|
| 1614 | PG5PN2HI | Page 5 pen 2 display rang high | *3 | *3 | R/W |
| 1615 | PG6PN2HI | Page 6 pen 2 display rang high | *3 | *3 | R/W |
| 1616 | PG1PN3CH | Page 1 pen 3 channel | 0 | 65535 | R/W |
| 1617 | PG2PN3CH | Page 2 pen 3 channel | 0 | 65535 | R/W |
| 1618 | PG3PN3CH | Page 3 pen 3 channel | 0 | 65535 | R/W |
| 1619 | PG4PN3CH | Page 4 pen 3 channel | 0 | 65535 | R/W |
| 1620 | PG5PN3CH | Page 5 pen 3 channel | 0 | 65535 | R/W |
| 1621 | PG6PN3CH | Page 6 pen 3 channel | 0 | 65535 | R/W |
| 1622 | PG1PN3CR | Page 1 pen 3 color | 0 | 65535 | R/W |
| 1623 | PG2PN3CR | Page 2 pen 3 color | 0 | 65535 | R/W |
| 1624 | PG3PN3CR | Page 3 pen 3 color | 0 | 65535 | R/W |
| 1625 | PG4PN3CR | Page 4 pen 3 color | 0 | 65535 | R/W |
| 1626 | PG5PN3CR | Page 5 pen 3 color | 0 | 65535 | R/W |
| 1627 | PG6PN3CR | Page 6 pen 3 color | 0 | 65535 | R/W |
| 1628 | PG1PN3WT | Page 1 pen 3 width | 0 | 65535 | R/W |
| 1629 | PG2PN3WT | Page 2 pen 3 width | 0 | 65535 | R/W |
| 1630 | PG3PN3WT | Page 3 pen 3 width | 0 | 65535 | R/W |
| 1631 | PG4PN3WT | Page 4 pen 3 width | 0 | 65535 | R/W |
| 1632 | PG5PN3WT | Page 5 pen 3 width | 0 | 65535 | R/W |
| 1633 | PG6PN3WT | Page 6 pen 3 width | 0 | 65535 | R/W |
| 1634 | PG1PN3LO | Page 1 pen 3 display rang low | *3 | *3 | R/W |
| 1635 | PG2PN3LO | Page 2 pen 3 display rang low | *3 | *3 | R/W |
| 1636 | PG3PN3LO | Page 3 pen 3 display rang low | *3 | *3 | R/W |
| 1637 | PG4PN3LO | Page 4 pen 3 display rang low | *3 | *3 | R/W |
| 1638 | PG5PN3LO | Page 5 pen 3 display rang low | *3 | *3 | R/W |
| 1639 | PG6PN3LO | Page 6 pen 3 display rang low | *3 | *3 | R/W |
| 1640 | PG1PN3HI | Page 1 pen 3 display rang high | *3 | *3 | R/W |
| 1641 | PG2PN3HI | Page 2 pen 3 display rang high | *3 | *3 | R/W |
| 1642 | PG3PN3HI | Page 3 pen 3 display rang high | *3 | *3 | R/W |
| 1643 | PG4PN3HI | Page 4 pen 3 display rang high | *3 | *3 | R/W |
| 1644 | PG5PN3HI | Page 5 pen 3 display rang high | *3 | *3 | R/W |
| 1645 | PG6PN3HI | Page 6 pen 3 display rang high | *3 | *3 | R/W |
| 1646 | PG1PN4CH | Page 1 pen 4 channel | 0 | 65535 | R/W |
| 1647 | PG2PN4CH | Page 2 pen 4 channel | 0 | 65535 | R/W |
| 1648 | PG3PN4CH | Page 3 pen 4 channel | 0 | 65535 | R/W |
| 1649 | PG4PN4CH | Page 4 pen 4 channel | 0 | 65535 | R/W |
| 1650 | PG5PN4CH | Page 5 pen 4 channel | 0 | 65535 | R/W |
| 1651 | PG6PN4CH | Page 6 pen 4 channel | 0 | 65535 | R/W |
| 1652 | PG1PN4CR | Page 1 pen 4 color | 0 | 65535 | R/W |
| 1653 | PG2PN4CR | Page 2 pen 4 color | 0 | 65535 | R/W |
| 1654 | PG3PN4CR | Page 3 pen 4 color | 0 | 65535 | R/W |
| 1655 | PG4PN4CR | Page 4 pen 4 color | 0 | 65535 | R/W |
| 1656 | PG5PN4CR | Page 5 pen 4 color | 0 | 65535 | R/W |
| 1657 | PG6PN4CR | Page 6 pen 4 color | 0 | 65535 | R/W |
| 1658 | PG1PN4WT | Page 1 pen 4 width | 0 | 65535 | R/W |
| 1659 | PG2PN4WT | Page 2 pen 4 width | 0 | 65535 | R/W |
| 1660 | PG3PN4WT | Page 3 pen 4 width | 0 | 65535 | R/W |
| 1661 | PG4PN4WT | Page 4 pen 4 width | 0 | 65535 | R/W |
| 1662 | PG5PN4WT | Page 5 pen 4 width | 0 | 65535 | R/W |

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|------|----------|--------------------------------|----|-------|-----|
| 1663 | PG6PN4WT | Page 6 pen 4 width | 0 | 65535 | R/W |
| 1664 | PG1PN4LO | Page 1 pen 4 display rang low | *3 | *3 | R/W |
| 1665 | PG2PN4LO | Page 2 pen 4 display rang low | *3 | *3 | R/W |
| 1666 | PG3PN4LO | Page 3 pen 4 display rang low | *3 | *3 | R/W |
| 1667 | PG4PN4LO | Page 4 pen 4 display rang low | *3 | *3 | R/W |
| 1668 | PG5PN4LO | Page 5 pen 4 display rang low | *3 | *3 | R/W |
| 1669 | PG6PN4LO | Page 6 pen 4 display rang low | *3 | *3 | R/W |
| 1670 | PG1PN4HI | Page 1 pen 4 display rang high | *3 | *3 | R/W |
| 1671 | PG2PN4HI | Page 2 pen 4 display rang high | *3 | *3 | R/W |
| 1672 | PG3PN4HI | Page 3 pen 4 display rang high | *3 | *3 | R/W |
| 1673 | PG4PN4HI | Page 4 pen 4 display rang high | *3 | *3 | R/W |
| 1674 | PG5PN4HI | Page 5 pen 4 display rang high | *3 | *3 | R/W |
| 1675 | PG6PN4HI | Page 6 pen 4 display rang high | *3 | *3 | R/W |
| 1676 | PG1PN5CH | Page 1 pen 5 channel | 0 | 65535 | R/W |
| 1677 | PG2PN5CH | Page 2 pen 5 channel | 0 | 65535 | R/W |
| 1678 | PG3PN5CH | Page 3 pen 5 channel | 0 | 65535 | R/W |
| 1679 | PG4PN5CH | Page 4 pen 5 channel | 0 | 65535 | R/W |
| 1680 | PG5PN5CH | Page 5 pen 5 channel | 0 | 65535 | R/W |
| 1681 | PG6PN5CH | Page 6 pen 5 channel | 0 | 65535 | R/W |
| 1682 | PG1PN5CR | Page 1 pen 5 color | 0 | 65535 | R/W |
| 1683 | PG2PN5CR | Page 2 pen 5 color | 0 | 65535 | R/W |
| 1684 | PG3PN5CR | Page 3 pen 5 color | 0 | 65535 | R/W |
| 1685 | PG4PN5CR | Page 4 pen 5 color | 0 | 65535 | R/W |
| 1686 | PG5PN5CR | Page 5 pen 5 color | 0 | 65535 | R/W |
| 1687 | PG6PN5CR | Page 6 pen 5 color | 0 | 65535 | R/W |
| 1688 | PG1PN5WT | Page 1 pen 5 width | 0 | 65535 | R/W |
| 1689 | PG2PN5WT | Page 2 pen 5 width | 0 | 65535 | R/W |
| 1690 | PG3PN5WT | Page 3 pen 5 width | 0 | 65535 | R/W |
| 1691 | PG4PN5WT | Page 4 pen 5 width | 0 | 65535 | R/W |
| 1692 | PG5PN5WT | Page 5 pen 5 width | 0 | 65535 | R/W |
| 1693 | PG6PN5WT | Page 6 pen 5 width | 0 | 65535 | R/W |
| 1694 | PG1PN5LO | Page 1 pen 5 display rang low | *3 | *3 | R/W |
| 1695 | PG2PN5LO | Page 2 pen 5 display rang low | *3 | *3 | R/W |
| 1696 | PG3PN5LO | Page 3 pen 5 display rang low | *3 | *3 | R/W |
| 1697 | PG4PN5LO | Page 4 pen 5 display rang low | *3 | *3 | R/W |
| 1698 | PG5PN5LO | Page 5 pen 5 display rang low | *3 | *3 | R/W |
| 1699 | PG6PN5LO | Page 6 pen 5 display rang low | *3 | *3 | R/W |
| 1700 | PG1PN5HI | Page 1 pen 5 display rang high | *3 | *3 | R/W |
| 1701 | PG2PN5HI | Page 2 pen 5 display rang high | *3 | *3 | R/W |
| 1702 | PG3PN5HI | Page 3 pen 5 display rang high | *3 | *3 | R/W |
| 1703 | PG4PN5HI | Page 4 pen 5 display rang high | *3 | *3 | R/W |
| 1704 | PG5PN5HI | Page 5 pen 5 display rang high | *3 | *3 | R/W |
| 1705 | PG6PN5HI | Page 6 pen 5 display rang high | *3 | *3 | R/W |
| 1706 | PG1PN6CH | Page 1 pen 6 channel | 0 | 65535 | R/W |
| 1707 | PG2PN6CH | Page 2 pen 6 channel | 0 | 65535 | R/W |
| 1708 | PG3PN6CH | Page 3 pen 6 channel | 0 | 65535 | R/W |
| 1709 | PG4PN6CH | Page 4 pen 6 channel | 0 | 65535 | R/W |
| 1710 | PG5PN6CH | Page 5 pen 6 channel | 0 | 65535 | R/W |
| 1711 | PG6PN6CH | Page 6 pen 6 channel | 0 | 65535 | R/W |

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|------|----------|--------------------------------|----|-------|-----|
| 1712 | PG1PN6CR | Page 1 pen 6 color | 0 | 65535 | R/W |
| 1713 | PG2PN6CR | Page 2 pen 6 color | 0 | 65535 | R/W |
| 1714 | PG3PN6CR | Page 3 pen 6 color | 0 | 65535 | R/W |
| 1715 | PG4PN6CR | Page 4 pen 6 color | 0 | 65535 | R/W |
| 1716 | PG5PN6CR | Page 5 pen 6 color | 0 | 65535 | R/W |
| 1717 | PG6PN6CR | Page 6 pen 6 color | 0 | 65535 | R/W |
| 1718 | PG1PN6WT | Page 1 pen 6 width | 0 | 65535 | R/W |
| 1719 | PG2PN6WT | Page 2 pen 6 width | 0 | 65535 | R/W |
| 1720 | PG3PN6WT | Page 3 pen 6 width | 0 | 65535 | R/W |
| 1721 | PG4PN6WT | Page 4 pen 6 width | 0 | 65535 | R/W |
| 1722 | PG5PN6WT | Page 5 pen 6 width | 0 | 65535 | R/W |
| 1723 | PG6PN6WT | Page 6 pen 6 width | 0 | 65535 | R/W |
| 1724 | PG1PN6LO | Page 1 pen 6 display rang low | *3 | *3 | R/W |
| 1725 | PG2PN6LO | Page 2 pen 6 display rang low | *3 | *3 | R/W |
| 1726 | PG3PN6LO | Page 3 pen 6 display rang low | *3 | *3 | R/W |
| 1727 | PG4PN6LO | Page 4 pen 6 display rang low | *3 | *3 | R/W |
| 1728 | PG5PN6LO | Page 5 pen 6 display rang low | *3 | *3 | R/W |
| 1729 | PG6PN6LO | Page 6 pen 6 display rang low | *3 | *3 | R/W |
| 1730 | PG1PN6HI | Page 1 pen 6 display rang high | *3 | *3 | R/W |
| 1731 | PG2PN6HI | Page 2 pen 6 display rang high | *3 | *3 | R/W |
| 1732 | PG3PN6HI | Page 3 pen 6 display rang high | *3 | *3 | R/W |
| 1733 | PG4PN6HI | Page 4 pen 6 display rang high | *3 | *3 | R/W |
| 1734 | PG5PN6HI | Page 5 pen 6 display rang high | *3 | *3 | R/W |
| 1735 | PG6PN6HI | Page 6 pen 6 display rang high | *3 | *3 | R/W |
| 1736 | TM1TP | Timer 1 type | 0 | 65535 | R/W |
| 1737 | TM2TP | Timer 2 type | 0 | 65535 | R/W |
| 1738 | TM3TP | Timer 3 type | 0 | 65535 | R/W |
| 1739 | TM4TP | Timer 4 type | 0 | 65535 | R/W |
| 1740 | TM5TP | Timer 5 type | 0 | 65535 | R/W |
| 1741 | TM6TP | Timer 6 type | 0 | 65535 | R/W |
| 1742 | TM1AC | Timer 1 action | 0 | 65535 | R/W |
| 1743 | TM2AC | Timer 2 action | 0 | 65535 | R/W |
| 1744 | TM3AC | Timer 3 action | 0 | 65535 | R/W |
| 1745 | TM4AC | Timer 4 action | 0 | 65535 | R/W |
| 1746 | TM5AC | Timer 5 action | 0 | 65535 | R/W |
| 1747 | TM6AC | Timer 6 action | 0 | 65535 | R/W |
| 1748 | TM1DY | Timer 1 day parameter | 0 | 65535 | R/W |
| 1749 | TM2DY | Timer 2 day parameter | 0 | 65535 | R/W |
| 1750 | TM3DY | Timer 3 day parameter | 0 | 65535 | R/W |
| 1751 | TM4DY | Timer 4 day parameter | 0 | 65535 | R/W |
| 1752 | TM5DY | Timer 5 day parameter | 0 | 65535 | R/W |
| 1753 | TM6DY | Timer 6 day parameter | 0 | 65535 | R/W |
| 1754 | TM1HR | Timer 1 hour parameter | 0 | 65535 | R/W |
| 1755 | TM2HR | Timer 2 hour parameter | 0 | 65535 | R/W |
| 1756 | TM3HR | Timer 3 hour parameter | 0 | 65535 | R/W |
| 1757 | TM4HR | Timer 4 hour parameter | 0 | 65535 | R/W |
| 1758 | TM5HR | Timer 5 hour parameter | 0 | 65535 | R/W |
| 1759 | TM6HR | Timer 6 hour parameter | 0 | 65535 | R/W |
| 1760 | TM1MN | Timer 1 minute parameter | 0 | 65535 | R/W |

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|------|--------|------------------------------|---|-------|-----|
| 1761 | TM2MN | Timer 2 minute parameter | 0 | 65535 | R/W |
| 1762 | TM3MN | Timer 3 minute parameter | 0 | 65535 | R/W |
| 1763 | TM4MN | Timer 4 minute parameter | 0 | 65535 | R/W |
| 1764 | TM5MN | Timer 5 minute parameter | 0 | 65535 | R/W |
| 1765 | TM6MN | Timer 6 minute parameter | 0 | 65535 | R/W |
| 1766 | TM1SD | Timer 1 second parameter | 0 | 65535 | R/W |
| 1767 | TM2SD | Timer 2 second parameter | 0 | 65535 | R/W |
| 1768 | TM3SD | Timer 3 second parameter | 0 | 65535 | R/W |
| 1769 | TM4SD | Timer 4 second parameter | 0 | 65535 | R/W |
| 1770 | TM5SD | Timer 5 second parameter | 0 | 65535 | R/W |
| 1771 | TM6SD | Timer 6 second parameter | 0 | 65535 | R/W |
| 1772 | TM1JB1 | Timer 1 job 1 | 0 | 65535 | R/W |
| 1773 | TM2JB1 | Timer 2 job 1 | 0 | 65535 | R/W |
| 1774 | TM3JB1 | Timer 3 job 1 | 0 | 65535 | R/W |
| 1775 | TM4JB1 | Timer 4 job 1 | 0 | 65535 | R/W |
| 1776 | TM5JB1 | Timer 5 job 1 | 0 | 65535 | R/W |
| 1777 | TM6JB1 | Timer 6 job 1 | 0 | 65535 | R/W |
| 1778 | TM1PM1 | Timer 1 job 1 parameter | 0 | 65535 | R/W |
| 1779 | TM2PM1 | Timer 2 job 1 parameter | 0 | 65535 | R/W |
| 1780 | TM3PM1 | Timer 3 job 1 parameter | 0 | 65535 | R/W |
| 1781 | TM4PM1 | Timer 4 job 1 parameter | 0 | 65535 | R/W |
| 1782 | TM5PM1 | Timer 5 job 1 parameter | 0 | 65535 | R/W |
| 1783 | TM6PM1 | Timer 6 job 1 parameter | 0 | 65535 | R/W |
| 1784 | TM1JB2 | Timer 1 job 2 | 0 | 65535 | R/W |
| 1785 | TM2JB2 | Timer 2 job 2 | 0 | 65535 | R/W |
| 1786 | TM3JB2 | Timer 3 job 2 | 0 | 65535 | R/W |
| 1787 | TM4JB2 | Timer 4 job 2 | 0 | 65535 | R/W |
| 1788 | TM5JB2 | Timer 5 job 2 | 0 | 65535 | R/W |
| 1789 | TM6JB2 | Timer 6 job 2 | 0 | 65535 | R/W |
| 1790 | TM1PM2 | Timer 1 job 2 parameter | 0 | 65535 | R/W |
| 1791 | TM2PM2 | Timer 2 job 2 parameter | 0 | 65535 | R/W |
| 1792 | TM3PM2 | Timer 3 job 2 parameter | 0 | 65535 | R/W |
| 1793 | TM4PM2 | Timer 4 job 2 parameter | 0 | 65535 | R/W |
| 1794 | TM5PM2 | Timer 5 job 2 parameter | 0 | 65535 | R/W |
| 1795 | TM6PM2 | Timer 6 job 2 parameter | 0 | 65535 | R/W |
| 1796 | INNA1 | Instrument name char 1~2 *10 | 0 | 65535 | R/W |
| 1797 | INNA2 | Instrument name char 3~4 *10 | 0 | 65535 | R/W |
| 1798 | INNA3 | Instrument name char 5~6 *10 | 0 | 65535 | R/W |
| 1799 | INPW1 | Instrument password char 1~2 | 0 | 65535 | R/W |
| 1800 | INPW2 | Instrument password char 3~4 | 0 | 65535 | R/W |
| 1801 | INPW3 | Instrument password char 5~6 | 0 | 65535 | R/W |
| 1802 | INPW4 | Instrument password char 7~8 | 0 | 65535 | R/W |
| 1803 | INSM | Instrument storage media | 0 | 65535 | R/W |
| 1804 | INKS | Instrument keypad sound | 0 | 65535 | R/W |
| 1805 | INDS | Instrument date style | 0 | 65535 | R/W |
| 1806 | INLA | Instrument language | 0 | 65535 | R/W |
| 1807 | INEL | Instrument event limit | 0 | 65535 | R/W |
| 1808 | INSS | Instrument screen saver | 0 | 65535 | R/W |
| 1809 | INIR | Instrument IR sensor enable | 0 | 65535 | R/W |

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|------|--------|--|---|-------|-----|
| 1810 | INPT | Instrument communication protocol | 0 | 65535 | R |
| 1811 | INAD | Instrument address | 0 | 65535 | R |
| 1812 | INBR | Instrument baud rate | 0 | 65535 | R |
| 1813 | INDF | Instrument data format | 0 | 65535 | R |
| 1814 | INIS | Instrument Ethernet IP set method | 0 | 65535 | R |
| 1815 | INIP1 | Instrument Ethernet IP address digital 1~2 | 0 | 65535 | R |
| 1816 | INIP2 | Instrument Ethernet IP address digital 3~4 | 0 | 65535 | R |
| 1817 | INSM1 | Instrument subnet mask digital 1~2 | 0 | 65535 | R |
| 1818 | INSM2 | Instrument subnet mask digital 3~4 | 0 | 65535 | R |
| 1819 | CT1NA1 | Counter 1 name char 1~2 | 0 | 65535 | R/W |
| 1820 | CT1NA2 | Counter 1 name char 3~4 | 0 | 65535 | R/W |
| 1821 | CT1NA3 | Counter 1 name char 5~6 | 0 | 65535 | R/W |
| 1822 | CT2NA1 | Counter 2 name char 1~2 | 0 | 65535 | R/W |
| 1823 | CT2NA2 | Counter 2 name char 3~4 | 0 | 65535 | R/W |
| 1824 | CT2NA3 | Counter 2 name char 5~6 | 0 | 65535 | R/W |
| 1825 | CT3NA1 | Counter 3 name char 1~2 | 0 | 65535 | R/W |
| 1826 | CT3NA2 | Counter 3 name char 3~4 | 0 | 65535 | R/W |
| 1827 | CT3NA3 | Counter 3 name char 5~6 | 0 | 65535 | R/W |
| 1828 | CT4NA1 | Counter 4 name char 1~2 | 0 | 65535 | R/W |
| 1829 | CT4NA2 | Counter 4 name char 3~4 | 0 | 65535 | R/W |
| 1830 | CT4NA3 | Counter 4 name char 5~6 | 0 | 65535 | R/W |
| 1831 | CT5NA1 | Counter 5 name char 1~2 | 0 | 65535 | R/W |
| 1832 | CT5NA2 | Counter 5 name char 3~4 | 0 | 65535 | R/W |
| 1833 | CT5NA3 | Counter 5 name char 5~6 | 0 | 65535 | R/W |
| 1834 | CT6NA1 | Counter 6 name char 1~2 | 0 | 65535 | R/W |
| 1835 | CT6NA2 | Counter 6 name char 3~4 | 0 | 65535 | R/W |
| 1836 | CT6NA3 | Counter 6 name char 5~6 | 0 | 65535 | R/W |
| 1837 | CT1UN1 | Counter 1 unit char 1~2 | 0 | 65535 | R/W |
| 1838 | CT1UN2 | Counter 1 unit char 3~4 | 0 | 65535 | R/W |
| 1839 | CT1UN3 | Counter 1 unit char 5~6 | 0 | 65535 | R/W |
| 1840 | CT2UN1 | Counter 2 unit char 1~2 | 0 | 65535 | R/W |
| 1841 | CT2UN2 | Counter 2 unit char 3~4 | 0 | 65535 | R/W |
| 1842 | CT2UN3 | Counter 2 unit char 5~6 | 0 | 65535 | R/W |
| 1843 | CT3UN1 | Counter 3 unit char 1~2 | 0 | 65535 | R/W |
| 1844 | CT3UN2 | Counter 3 unit char 3~4 | 0 | 65535 | R/W |
| 1845 | CT3UN3 | Counter 3 unit char 5~6 | 0 | 65535 | R/W |
| 1846 | CT4UN1 | Counter 4 unit char 1~2 | 0 | 65535 | R/W |
| 1847 | CT4UN2 | Counter 4 unit char 3~4 | 0 | 65535 | R/W |
| 1848 | CT4UN3 | Counter 4 unit char 5~6 | 0 | 65535 | R/W |
| 1849 | CT5UN1 | Counter 5 unit char 1~2 | 0 | 65535 | R/W |
| 1850 | CT5UN2 | Counter 5 unit char 3~4 | 0 | 65535 | R/W |
| 1851 | CT5UN3 | Counter 5 unit char 5~6 | 0 | 65535 | R/W |
| 1852 | CT6UN1 | Counter 6 unit char 1~2 | 0 | 65535 | R/W |
| 1853 | CT6UN2 | Counter 6 unit char 3~4 | 0 | 65535 | R/W |
| 1854 | CT6UN3 | Counter 6 unit char 5~6 | 0 | 65535 | R/W |
| 1855 | CT1PS | Counter 1 preset value | 0 | 65535 | R/W |
| 1856 | CT2PS | Counter 2 preset value | 0 | 65535 | R/W |
| 1857 | CT3PS | Counter 3 preset value | 0 | 65535 | R/W |
| 1858 | CT4PS | Counter 4 preset value | 0 | 65535 | R/W |

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|------|-----------|-----------------------------------|---|-------|-----|
| 1859 | CT5PS | Counter 5 preset value | 0 | 65535 | R/W |
| 1860 | CT6PS | Counter 6 preset value | 0 | 65535 | R/W |
| 1861 | CT1EV1TP | Counter 1 event 1 type | 0 | 65535 | R/W |
| 1862 | CT2EV1TP | Counter 2 event 1 type | 0 | 65535 | R/W |
| 1863 | CT3EV1TP | Counter 3 event 1 type | 0 | 65535 | R/W |
| 1864 | CT4EV1TP | Counter 4 event 1 type | 0 | 65535 | R/W |
| 1865 | CT5EV1TP | Counter 5 event 1 type | 0 | 65535 | R/W |
| 1866 | CT6EV1TP | Counter 6 event 1 type | 0 | 65535 | R/W |
| 1867 | CT1EV1SP | Counter 1 event 1 set point | 0 | 65535 | R/W |
| 1868 | CT2EV1SP | Counter 2 event 1 set point | 0 | 65535 | R/W |
| 1869 | CT3EV1SP | Counter 3 event 1 set point | 0 | 65535 | R/W |
| 1870 | CT4EV1SP | Counter 4 event 1 set point | 0 | 65535 | R/W |
| 1871 | CT5EV1SP | Counter 5 event 1 set point | 0 | 65535 | R/W |
| 1872 | CT6EV1SP | Counter 6 event 1 set point | 0 | 65535 | R/W |
| 1873 | CT1EV1JB1 | Counter 1 event 1 job 1 | 0 | 65535 | R/W |
| 1874 | CT2EV1JB1 | Counter 2 event 1 job 1 | 0 | 65535 | R/W |
| 1875 | CT3EV1JB1 | Counter 3 event 1 job 1 | 0 | 65535 | R/W |
| 1876 | CT4EV1JB1 | Counter 4 event 1 job 1 | 0 | 65535 | R/W |
| 1877 | CT5EV1JB1 | Counter 5 event 1 job 1 | 0 | 65535 | R/W |
| 1878 | CT6EV1JB1 | Counter 6 event 1 job 1 | 0 | 65535 | R/W |
| 1879 | CT1EV1PM1 | Counter 1 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1880 | CT2EV1PM1 | Counter 2 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1881 | CT3EV1PM1 | Counter 3 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1882 | CT4EV1PM1 | Counter 4 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1883 | CT5EV1PM1 | Counter 5 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1884 | CT6EV1PM1 | Counter 6 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1885 | CT1EV1JB2 | Counter 1 event 1 job 2 | 0 | 65535 | R/W |
| 1886 | CT2EV1JB2 | Counter 2 event 1 job 2 | 0 | 65535 | R/W |
| 1887 | CT3EV1JB2 | Counter 3 event 1 job 2 | 0 | 65535 | R/W |
| 1888 | CT4EV1JB2 | Counter 4 event 1 job 2 | 0 | 65535 | R/W |
| 1889 | CT5EV1JB2 | Counter 5 event 1 job 2 | 0 | 65535 | R/W |
| 1890 | CT6EV1JB2 | Counter 6 event 1 job 2 | 0 | 65535 | R/W |
| 1891 | CT1EV1PM2 | Counter 1 event 1 job 2 parameter | 0 | 65535 | R/W |
| 1892 | CT2EV1PM2 | Counter 2 event 1 job 2 parameter | 0 | 65535 | R/W |
| 1893 | CT3EV1PM2 | Counter 3 event 1 job 2 parameter | 0 | 65535 | R/W |
| 1894 | CT4EV1PM2 | Counter 4 event 1 job 2 parameter | 0 | 65535 | R/W |
| 1895 | CT5EV1PM2 | Counter 5 event 1 job 2 parameter | 0 | 65535 | R/W |
| 1896 | CT6EV1PM2 | Counter 6 event 1 job 2 parameter | 0 | 65535 | R/W |
| 1897 | CT1EV2TP | Counter 1 event 2 type | 0 | 65535 | R/W |
| 1898 | CT2EV2TP | Counter 2 event 2 type | 0 | 65535 | R/W |
| 1899 | CT3EV2TP | Counter 3 event 2 type | 0 | 65535 | R/W |
| 1900 | CT4EV2TP | Counter 4 event 2 type | 0 | 65535 | R/W |
| 1901 | CT5EV2TP | Counter 5 event 2 type | 0 | 65535 | R/W |
| 1902 | CT6EV2TP | Counter 6 event 2 type | 0 | 65535 | R/W |
| 1903 | CT1EV2SP | Counter 1 event 2 set point | 0 | 65535 | R/W |
| 1904 | CT2EV2SP | Counter 2 event 2 set point | 0 | 65535 | R/W |
| 1905 | CT3EV2SP | Counter 3 event 2 set point | 0 | 65535 | R/W |
| 1906 | CT4EV2SP | Counter 4 event 2 set point | 0 | 65535 | R/W |
| 1907 | CT5EV2SP | Counter 5 event 2 set point | 0 | 65535 | R/W |

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|------|-----------|-----------------------------------|---|-------|-----|
| 1908 | CT6EV2SP | Counter 6 event 2 set point | 0 | 65535 | R/W |
| 1909 | CT1EV2JB1 | Counter 1 event 2 job 1 | 0 | 65535 | R/W |
| 1910 | CT2EV2JB1 | Counter 2 event 2 job 1 | 0 | 65535 | R/W |
| 1911 | CT3EV2JB1 | Counter 3 event 2 job 1 | 0 | 65535 | R/W |
| 1912 | CT4EV2JB1 | Counter 4 event 2 job 1 | 0 | 65535 | R/W |
| 1913 | CT5EV2JB1 | Counter 5 event 2 job 1 | 0 | 65535 | R/W |
| 1914 | CT6EV2JB1 | Counter 6 event 2 job 1 | 0 | 65535 | R/W |
| 1915 | CT1EV2PM1 | Counter 1 event 2 job 1 parameter | 0 | 65535 | R/W |
| 1916 | CT2EV2PM1 | Counter 2 event 2 job 1 parameter | 0 | 65535 | R/W |
| 1917 | CT3EV2PM1 | Counter 3 event 2 job 1 parameter | 0 | 65535 | R/W |
| 1918 | CT4EV2PM1 | Counter 4 event 2 job 1 parameter | 0 | 65535 | R/W |
| 1919 | CT5EV2PM1 | Counter 5 event 2 job 1 parameter | 0 | 65535 | R/W |
| 1920 | CT6EV2PM1 | Counter 6 event 2 job 1 parameter | 0 | 65535 | R/W |
| 1921 | CT1EV2JB2 | Counter 1 event 2 job 2 | 0 | 65535 | R/W |
| 1922 | CT2EV2JB2 | Counter 2 event 2 job 2 | 0 | 65535 | R/W |
| 1923 | CT3EV2JB2 | Counter 3 event 2 job 2 | 0 | 65535 | R/W |
| 1924 | CT4EV2JB2 | Counter 4 event 2 job 2 | 0 | 65535 | R/W |
| 1925 | CT5EV2JB2 | Counter 5 event 2 job 2 | 0 | 65535 | R/W |
| 1926 | CT6EV2JB2 | Counter 6 event 2 job 2 | 0 | 65535 | R/W |
| 1927 | CT1EV2PM2 | Counter 1 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1928 | CT2EV2PM2 | Counter 2 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1929 | CT3EV2PM2 | Counter 3 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1930 | CT4EV2PM2 | Counter 4 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1931 | CT5EV2PM2 | Counter 5 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1932 | CT6EV2PM2 | Counter 6 event 2 job 2 parameter | 0 | 65535 | R/W |
| 1933 | DI1NA1 | DI 1 name char 1~2 | 0 | 65535 | R/W |
| 1934 | DI1NA2 | DI 1 name char 3~4 | 0 | 65535 | R/W |
| 1935 | DI1NA3 | DI 1 name char 5~6 | 0 | 65535 | R/W |
| 1936 | DI2NA1 | DI 2 name char 1~2 | 0 | 65535 | R/W |
| 1937 | DI2NA2 | DI 2 name char 3~4 | 0 | 65535 | R/W |
| 1938 | DI2NA3 | DI 2 name char 5~6 | 0 | 65535 | R/W |
| 1939 | DI3NA1 | DI 3 name char 1~2 | 0 | 65535 | R/W |
| 1940 | DI3NA2 | DI 3 name char 3~4 | 0 | 65535 | R/W |
| 1941 | DI3NA3 | DI 3 name char 5~6 | 0 | 65535 | R/W |
| 1942 | DI4NA1 | DI 4 name char 1~2 | 0 | 65535 | R/W |
| 1943 | DI4NA2 | DI 4 name char 3~4 | 0 | 65535 | R/W |
| 1944 | DI4NA3 | DI 4 name char 5~6 | 0 | 65535 | R/W |
| 1945 | DI5NA1 | DI 5 name char 1~2 | 0 | 65535 | R/W |
| 1946 | DI5NA2 | DI 5 name char 3~4 | 0 | 65535 | R/W |
| 1947 | DI5NA3 | DI 5 name char 5~6 | 0 | 65535 | R/W |
| 1948 | DI6NA1 | DI 6 name char 1~2 | 0 | 65535 | R/W |
| 1949 | DI6NA2 | DI 6 name char 3~4 | 0 | 65535 | R/W |
| 1950 | DI6NA3 | DI 6 name char 5~6 | 0 | 65535 | R/W |
| 1951 | DI7NA1 | DI 7 name char 1~2 | 0 | 65535 | R/W |
| 1952 | DI7NA2 | DI 7 name char 3~4 | 0 | 65535 | R/W |
| 1953 | DI7NA3 | DI 7 name char 5~6 | 0 | 65535 | R/W |
| 1954 | DI8NA1 | DI 8 name char 1~2 | 0 | 65535 | R/W |
| 1955 | DI8NA2 | DI 8 name char 3~4 | 0 | 65535 | R/W |
| 1956 | DI8NA3 | DI 8 name char 5~6 | 0 | 65535 | R/W |

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|------|------------|-------------------------------|---|-------|-----|
| 1957 | DI9NA1 | DI 9 name char 1~2 | 0 | 65535 | R/W |
| 1958 | DI9NA2 | DI 9 name char 3~4 | 0 | 65535 | R/W |
| 1959 | DI9NA3 | DI 9 name char 5~6 | 0 | 65535 | R/W |
| 1960 | DI10NA1 | DI 10 name char 1~2 | 0 | 65535 | R/W |
| 1961 | DI10NA2 | DI 10 name char 3~4 | 0 | 65535 | R/W |
| 1962 | DI10NA3 | DI 10 name char 5~6 | 0 | 65535 | R/W |
| 1963 | DI11NA1 | DI 11 name char 1~2 | 0 | 65535 | R/W |
| 1964 | DI11NA2 | DI 11 name char 3~4 | 0 | 65535 | R/W |
| 1965 | DI11NA3 | DI 11 name char 5~6 | 0 | 65535 | R/W |
| 1966 | DI12NA1 | DI 12 name char 1~2 | 0 | 65535 | R/W |
| 1967 | DI12NA2 | DI 12 name char 3~4 | 0 | 65535 | R/W |
| 1968 | DI12NA3 | DI 12 name char 5~6 | 0 | 65535 | R/W |
| 1969 | DI1EV1TP | DI 1 event 1 type | 0 | 65535 | R/W |
| 1970 | DI2EV1TP | DI 2 event 1 type | 0 | 65535 | R/W |
| 1971 | DI3EV1TP | DI 3 event 1 type | 0 | 65535 | R/W |
| 1972 | DI4EV1TP | DI 4 event 1 type | 0 | 65535 | R/W |
| 1973 | DI5EV1TP | DI 5 event 1 type | 0 | 65535 | R/W |
| 1974 | DI6EV1TP | DI 6 event 1 type | 0 | 65535 | R/W |
| 1975 | DI7EV1TP | DI 7 event 1 type | 0 | 65535 | R/W |
| 1976 | DI8EV1TP | DI 8 event 1 type | 0 | 65535 | R/W |
| 1977 | DI9EV1TP | DI 9 event 1 type | 0 | 65535 | R/W |
| 1978 | DI10EV1TP | DI 10 event 1 type | 0 | 65535 | R/W |
| 1979 | DI11EV1TP | DI 11 event 1 type | 0 | 65535 | R/W |
| 1980 | DI12EV1TP | DI 12 event 1 type | 0 | 65535 | R/W |
| 1981 | DI1EV1JB1 | DI 1 event 1 job 1 | 0 | 65535 | R/W |
| 1982 | DI2EV1JB1 | DI 2 event 1 job 1 | 0 | 65535 | R/W |
| 1983 | DI3EV1JB1 | DI 3 event 1 job 1 | 0 | 65535 | R/W |
| 1984 | DI4EV1JB1 | DI 4 event 1 job 1 | 0 | 65535 | R/W |
| 1985 | DI5EV1JB1 | DI 5 event 1 job 1 | 0 | 65535 | R/W |
| 1986 | DI6EV1JB1 | DI 6 event 1 job 1 | 0 | 65535 | R/W |
| 1987 | DI7EV1JB1 | DI 7 event 1 job 1 | 0 | 65535 | R/W |
| 1988 | DI8EV1JB1 | DI 8 event 1 job 1 | 0 | 65535 | R/W |
| 1989 | DI9EV1JB1 | DI 9 event 1 job 1 | 0 | 65535 | R/W |
| 1990 | DI10EV1JB1 | DI 10 event 1 job 1 | 0 | 65535 | R/W |
| 1991 | DI11EV1JB1 | DI 11 event 1 job 1 | 0 | 65535 | R/W |
| 1992 | DI12EV1JB1 | DI 12 event 1 job 1 | 0 | 65535 | R/W |
| 1993 | DI1EV1PM1 | DI 1 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1994 | DI2EV1PM1 | DI 2 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1995 | DI3EV1PM1 | DI 3 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1996 | DI4EV1PM1 | DI 4 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1997 | DI5EV1PM1 | DI 5 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1998 | DI6EV1PM1 | DI 6 event 1 job 1 parameter | 0 | 65535 | R/W |
| 1999 | DI7EV1PM1 | DI 7 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2000 | DI8EV1PM1 | DI 8 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2001 | DI9EV1PM1 | DI 9 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2002 | DI10EV1PM1 | DI 10 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2003 | DI11EV1PM1 | DI 11 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2004 | DI12EV1PM1 | DI 12 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2005 | DI1EV1JB2 | DI 1 event 1 job 2 | 0 | 65535 | R/W |

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|------|------------|-------------------------------|---|-------|-----|
| 2006 | DI2EV1JB2 | DI 2 event 1 job 2 | 0 | 65535 | R/W |
| 2007 | DI3EV1JB2 | DI 3 event 1 job 2 | 0 | 65535 | R/W |
| 2008 | DI4EV1JB2 | DI 4 event 1 job 2 | 0 | 65535 | R/W |
| 2009 | DI5EV1JB2 | DI 5 event 1 job 2 | 0 | 65535 | R/W |
| 2010 | DI6EV1JB2 | DI 6 event 1 job 2 | 0 | 65535 | R/W |
| 2011 | DI7EV1JB2 | DI 7 event 1 job 2 | 0 | 65535 | R/W |
| 2012 | DI8EV1JB2 | DI 8 event 1 job 2 | 0 | 65535 | R/W |
| 2013 | DI9EV1JB2 | DI 9 event 1 job 2 | 0 | 65535 | R/W |
| 2014 | DI10EV1JB2 | DI 10 event 1 job 2 | 0 | 65535 | R/W |
| 2015 | DI11EV1JB2 | DI 11 event 1 job 2 | 0 | 65535 | R/W |
| 2016 | DI12EV1JB2 | DI 12 event 1 job 2 | 0 | 65535 | R/W |
| 2017 | DI1EV1PM2 | DI 1 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2018 | DI2EV1PM2 | DI 2 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2019 | DI3EV1PM2 | DI 3 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2020 | DI4EV1PM2 | DI 4 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2021 | DI5EV1PM2 | DI 5 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2022 | DI6EV1PM2 | DI 6 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2023 | DI7EV1PM2 | DI 7 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2024 | DI8EV1PM2 | DI 8 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2025 | DI9EV1PM2 | DI 9 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2026 | DI10EV1PM2 | DI 10 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2027 | DI11EV1PM2 | DI 11 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2028 | DI12EV1PM2 | DI 12 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2029 | DI1EV2TP | DI 1 event 2 type | 0 | 65535 | R/W |
| 2030 | DI2EV2TP | DI 2 event 2 type | 0 | 65535 | R/W |
| 2031 | DI3EV2TP | DI 3 event 2 type | 0 | 65535 | R/W |
| 2032 | DI4EV2TP | DI 4 event 2 type | 0 | 65535 | R/W |
| 2033 | DI5EV2TP | DI 5 event 2 type | 0 | 65535 | R/W |
| 2034 | DI6EV2TP | DI 6 event 2 type | 0 | 65535 | R/W |
| 2035 | DI7EV2TP | DI 7 event 2 type | 0 | 65535 | R/W |
| 2036 | DI8EV2TP | DI 8 event 2 type | 0 | 65535 | R/W |
| 2037 | DI9EV2TP | DI 9 event 2 type | 0 | 65535 | R/W |
| 2038 | DI10EV2TP | DI 10 event 2 type | 0 | 65535 | R/W |
| 2039 | DI11EV2TP | DI 11 event 2 type | 0 | 65535 | R/W |
| 2040 | DI12EV2TP | DI 12 event 2 type | 0 | 65535 | R/W |
| 2041 | DI1EV2JB1 | DI 1 event 2 job 1 | 0 | 65535 | R/W |
| 2042 | DI2EV2JB1 | DI 2 event 2 job 1 | 0 | 65535 | R/W |
| 2043 | DI3EV2JB1 | DI 3 event 2 job 1 | 0 | 65535 | R/W |
| 2044 | DI4EV2JB1 | DI 4 event 2 job 1 | 0 | 65535 | R/W |
| 2045 | DI5EV2JB1 | DI 5 event 2 job 1 | 0 | 65535 | R/W |
| 2046 | DI6EV2JB1 | DI 6 event 2 job 1 | 0 | 65535 | R/W |
| 2047 | DI7EV2JB1 | DI 7 event 2 job 1 | 0 | 65535 | R/W |
| 2048 | DI8EV2JB1 | DI 8 event 2 job 1 | 0 | 65535 | R/W |
| 2049 | DI9EV2JB1 | DI 9 event 2 job 1 | 0 | 65535 | R/W |
| 2050 | DI10EV2JB1 | DI 10 event 2 job 1 | 0 | 65535 | R/W |
| 2051 | DI11EV2JB1 | DI 11 event 2 job 1 | 0 | 65535 | R/W |
| 2052 | DI12EV2JB1 | DI 12 event 2 job 1 | 0 | 65535 | R/W |
| 2053 | DI1EV2PM1 | DI 1 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2054 | DI2EV2PM1 | DI 2 event 2 job 1 parameter | 0 | 65535 | R/W |

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|------|------------|-------------------------------|---|-------|-----|
| 2055 | DI3EV2PM1 | DI 3 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2056 | DI4EV2PM1 | DI 4 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2057 | DI5EV2PM1 | DI 5 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2058 | DI6EV2PM1 | DI 6 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2059 | DI7EV2PM1 | DI 7 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2060 | DI8EV2PM1 | DI 8 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2061 | DI9EV2PM1 | DI 9 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2062 | DI10EV2PM1 | DI 10 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2063 | DI11EV2PM1 | DI 11 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2064 | DI12EV2PM1 | DI 12 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2065 | DI1EV2JB2 | DI 1 event 2 job 2 | 0 | 65535 | R/W |
| 2066 | DI2EV2JB2 | DI 2 event 2 job 2 | 0 | 65535 | R/W |
| 2067 | DI3EV2JB2 | DI 3 event 2 job 2 | 0 | 65535 | R/W |
| 2068 | DI4EV2JB2 | DI 4 event 2 job 2 | 0 | 65535 | R/W |
| 2069 | DI5EV2JB2 | DI 5 event 2 job 2 | 0 | 65535 | R/W |
| 2070 | DI6EV2JB2 | DI 6 event 2 job 2 | 0 | 65535 | R/W |
| 2071 | DI7EV2JB2 | DI 7 event 2 job 2 | 0 | 65535 | R/W |
| 2072 | DI8EV2JB2 | DI 8 event 2 job 2 | 0 | 65535 | R/W |
| 2073 | DI9EV2JB2 | DI 9 event 2 job 2 | 0 | 65535 | R/W |
| 2074 | DI10EV2JB2 | DI 10 event 2 job 2 | 0 | 65535 | R/W |
| 2075 | DI11EV2JB2 | DI 11 event 2 job 2 | 0 | 65535 | R/W |
| 2076 | DI12EV2JB2 | DI 12 event 2 job 2 | 0 | 65535 | R/W |
| 2077 | DI1EV2PM2 | DI 1 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2078 | DI2EV2PM2 | DI 2 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2079 | DI3EV2PM2 | DI 3 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2080 | DI4EV2PM2 | DI 4 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2081 | DI5EV2PM2 | DI 5 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2082 | DI6EV2PM2 | DI 6 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2083 | DI7EV2PM2 | DI 7 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2084 | DI8EV2PM2 | DI 8 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2085 | DI9EV2PM2 | DI 9 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2086 | DI10EV2PM2 | DI 10 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2087 | DI11EV2PM2 | DI 11 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2088 | DI12EV2PM2 | DI 12 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2089 | TZ1NA1 | Totalizer 1 name char 1-2 | 0 | 65535 | R/W |
| 2090 | TZ1NA2 | Totalizer 1 name char 3-4 | 0 | 65535 | R/W |
| 2091 | TZ1NA3 | Totalizer 1 name char 5-6 | 0 | 65535 | R/W |
| 2092 | TZ2NA1 | Totalizer 2 name char 1-2 | 0 | 65535 | R/W |
| 2093 | TZ2NA2 | Totalizer 2 name char 3-4 | 0 | 65535 | R/W |
| 2094 | TZ2NA3 | Totalizer 2 name char 5-6 | 0 | 65535 | R/W |
| 2095 | TZ3NA1 | Totalizer 3 name char 1-2 | 0 | 65535 | R/W |
| 2096 | TZ3NA2 | Totalizer 3 name char 3-4 | 0 | 65535 | R/W |
| 2097 | TZ3NA3 | Totalizer 3 name char 5-6 | 0 | 65535 | R/W |
| 2098 | TZ4NA1 | Totalizer 4 name char 1-2 | 0 | 65535 | R/W |
| 2099 | TZ4NA2 | Totalizer 4 name char 3-4 | 0 | 65535 | R/W |
| 2100 | TZ4NA3 | Totalizer 4 name char 5-6 | 0 | 65535 | R/W |
| 2101 | TZ5NA1 | Totalizer 5 name char 1-2 | 0 | 65535 | R/W |
| 2102 | TZ5NA2 | Totalizer 5 name char 3-4 | 0 | 65535 | R/W |
| 2103 | TZ5NA3 | Totalizer 5 name char 5-6 | 0 | 65535 | R/W |

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|------|--------|-----------------------------|----|-------|-----|
| 2104 | TZ6NA1 | Totalizer 6 name char 1-2 | 0 | 65535 | R/W |
| 2105 | TZ6NA2 | Totalizer 6 name char 3-4 | 0 | 65535 | R/W |
| 2106 | TZ6NA3 | Totalizer 6 name char 5-6 | 0 | 65535 | R/W |
| 2107 | TZ1SR | Totalizer 1 source | 0 | 65535 | R/W |
| 2108 | TZ2SR | Totalizer 2 source | 0 | 65535 | R/W |
| 2109 | TZ3SR | Totalizer 3 source | 0 | 65535 | R/W |
| 2110 | TZ4SR | Totalizer 4 source | 0 | 65535 | R/W |
| 2111 | TZ5SR | Totalizer 5 source | 0 | 65535 | R/W |
| 2112 | TZ6SR | Totalizer 6 source | 0 | 65535 | R/W |
| 2113 | TZ1AC | Totalizer 1 action | 0 | 65535 | R/W |
| 2114 | TZ2AC | Totalizer 2 action | 0 | 65535 | R/W |
| 2115 | TZ3AC | Totalizer 3 action | 0 | 65535 | R/W |
| 2116 | TZ4AC | Totalizer 4 action | 0 | 65535 | R/W |
| 2117 | TZ5AC | Totalizer 5 action | 0 | 65535 | R/W |
| 2118 | TZ6AC | Totalizer 6 action | 0 | 65535 | R/W |
| 2119 | TZ1DP | Totalizer 1 decimal point | 0 | 65535 | R/W |
| 2120 | TZ2DP | Totalizer 2 decimal point | 0 | 65535 | R/W |
| 2121 | TZ3DP | Totalizer 3 decimal point | 0 | 65535 | R/W |
| 2122 | TZ4DP | Totalizer 4 decimal point | 0 | 65535 | R/W |
| 2123 | TZ5DP | Totalizer 5 decimal point | 0 | 65535 | R/W |
| 2124 | TZ6DP | Totalizer 6 decimal point | 0 | 65535 | R/W |
| 2125 | TZ1PI | Totalizer 1 period | 0 | 65535 | R/W |
| 2126 | TZ2PI | Totalizer 2 period | 0 | 65535 | R/W |
| 2127 | TZ3PI | Totalizer 3 period | 0 | 65535 | R/W |
| 2128 | TZ4PI | Totalizer 4 period | 0 | 65535 | R/W |
| 2129 | TZ5PI | Totalizer 5 period | 0 | 65535 | R/W |
| 2130 | TZ6PI | Totalizer 6 period | 0 | 65535 | R/W |
| 2131 | TZ1UN1 | Totalizer 1 unit char 1-2 | 0 | 65535 | R/W |
| 2132 | TZ1UN2 | Totalizer 1 unit char 3-4 | 0 | 65535 | R/W |
| 2133 | TZ1UN3 | Totalizer 1 unit char 5-6 | 0 | 65535 | R/W |
| 2134 | TZ2UN1 | Totalizer 2 unit char 1-2 | 0 | 65535 | R/W |
| 2135 | TZ2UN2 | Totalizer 2 unit char 3-4 | 0 | 65535 | R/W |
| 2136 | TZ2UN3 | Totalizer 2 unit char 5-6 | 0 | 65535 | R/W |
| 2137 | TZ3UN1 | Totalizer 3 unit char 1-2 | 0 | 65535 | R/W |
| 2138 | TZ3UN2 | Totalizer 3 unit char 3-4 | 0 | 65535 | R/W |
| 2139 | TZ3UN3 | Totalizer 3 unit char 5-6 | 0 | 65535 | R/W |
| 2140 | TZ4UN1 | Totalizer 4 unit char 1-2 | 0 | 65535 | R/W |
| 2141 | TZ4UN2 | Totalizer 4 unit char 3-4 | 0 | 65535 | R/W |
| 2142 | TZ4UN3 | Totalizer 4 unit char 5-6 | 0 | 65535 | R/W |
| 2143 | TZ5UN1 | Totalizer 5 unit char 1-2 | 0 | 65535 | R/W |
| 2144 | TZ5UN2 | Totalizer 5 unit char 3-4 | 0 | 65535 | R/W |
| 2145 | TZ5UN3 | Totalizer 5 unit char 5-6 | 0 | 65535 | R/W |
| 2146 | TZ6UN1 | Totalizer 6 unit char 1-2 | 0 | 65535 | R/W |
| 2147 | TZ6UN2 | Totalizer 6 unit char 3-4 | 0 | 65535 | R/W |
| 2148 | TZ6UN3 | Totalizer 6 unit char 5-6 | 0 | 65535 | R/W |
| 2149 | TZ1PSH | Totalizer 1 preset hi word | *4 | *4 | R/W |
| 2150 | TZ1PSL | Totalizer 1 preset low word | *4 | *4 | R/W |
| 2151 | TZ2PSH | Totalizer 2 preset hi word | *4 | *4 | R/W |
| 2152 | TZ2PSL | Totalizer 2 preset low word | *4 | *4 | R/W |

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|------|-----------|-------------------------------------|-------|-------|-----|
| 2153 | TZ3PSH | Totalizer 3 preset hi word | *4 | *4 | R/W |
| 2154 | TZ3PSL | Totalizer 3 preset low word | *4 | *4 | R/W |
| 2155 | TZ4PSH | Totalizer 4 preset hi word | *4 | *4 | R/W |
| 2156 | TZ4PSL | Totalizer 4 preset low word | *4 | *4 | R/W |
| 2157 | TZ5PSH | Totalizer 5 preset hi word | *4 | *4 | R/W |
| 2158 | TZ5PSL | Totalizer 5 preset low word | *4 | *4 | R/W |
| 2159 | TZ6PSH | Totalizer 6 preset hi word | *4 | *4 | R/W |
| 2160 | TZ6PSL | Totalizer 6 preset low word | *4 | *4 | R/W |
| 2161 | TZ1EV1TP | Totalizer 1 event 1 type | 0 | 65535 | R/W |
| 2162 | TZ2EV1TP | Totalizer 2 event 1 type | 0 | 65535 | R/W |
| 2163 | TZ3EV1TP | Totalizer 3 event 1 type | 0 | 65535 | R/W |
| 2164 | TZ4EV1TP | Totalizer 4 event 1 type | 0 | 65535 | R/W |
| 2165 | TZ5EV1TP | Totalizer 5 event 1 type | 0 | 65535 | R/W |
| 2166 | TZ6EV1TP | Totalizer 6 event 1 type | 0 | 65535 | R/W |
| 2167 | TZ1EV1SP | Totalizer 1 event 1 set point | *7 *5 | *5 | |
| 2168 | TZ2EV1SP | Totalizer 2 event 1 set point | *7 *5 | *5 | |
| 2169 | TZ3EV1SP | Totalizer 3 event 1 set point | *7 *5 | *5 | |
| 2170 | TZ4EV1SP | Totalizer 4 event 1 set point | *7 *5 | *5 | |
| 2171 | TZ5EV1SP | Totalizer 5 event 1 set point | *7 *5 | *5 | |
| 2172 | TZ6EV1SP | Totalizer 6 event 1 set point | *7 *5 | *5 | |
| 2173 | TZ1EV1JB1 | Totalizer 1 event 1 job 1 | 0 | 65535 | R/W |
| 2174 | TZ2EV1JB1 | Totalizer 2 event 1 job 1 | 0 | 65535 | R/W |
| 2175 | TZ3EV1JB1 | Totalizer 3 event 1 job 1 | 0 | 65535 | R/W |
| 2176 | TZ4EV1JB1 | Totalizer 4 event 1 job 1 | 0 | 65535 | R/W |
| 2177 | TZ5EV1JB1 | Totalizer 5 event 1 job 1 | 0 | 65535 | R/W |
| 2178 | TZ6EV1JB1 | Totalizer 6 event 1 job 1 | 0 | 65535 | R/W |
| 2179 | TZ1EV1PM1 | Totalizer 1 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2180 | TZ2EV1PM1 | Totalizer 2 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2181 | TZ3EV1PM1 | Totalizer 3 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2182 | TZ4EV1PM1 | Totalizer 4 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2183 | TZ5EV1PM1 | Totalizer 5 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2184 | TZ6EV1PM1 | Totalizer 6 event 1 job 1 parameter | 0 | 65535 | R/W |
| 2185 | TZ1EV1JB2 | Totalizer 1 event 1 job 2 | 0 | 65535 | R/W |
| 2186 | TZ2EV1JB2 | Totalizer 2 event 1 job 2 | 0 | 65535 | R/W |
| 2187 | TZ3EV1JB2 | Totalizer 3 event 1 job 2 | 0 | 65535 | R/W |
| 2188 | TZ4EV1JB2 | Totalizer 4 event 1 job 2 | 0 | 65535 | R/W |
| 2189 | TZ5EV1JB2 | Totalizer 5 event 1 job 2 | 0 | 65535 | R/W |
| 2190 | TZ6EV1JB2 | Totalizer 6 event 1 job 2 | 0 | 65535 | R/W |
| 2191 | TZ1EV1PM2 | Totalizer 1 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2192 | TZ2EV1PM2 | Totalizer 2 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2193 | TZ3EV1PM2 | Totalizer 3 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2194 | TZ4EV1PM2 | Totalizer 4 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2195 | TZ5EV1PM2 | Totalizer 5 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2196 | TZ6EV1PM2 | Totalizer 6 event 1 job 2 parameter | 0 | 65535 | R/W |
| 2197 | TZ1EV2TP | Totalizer 1 event 2 type | 0 | 65535 | R/W |
| 2198 | TZ2EV2TP | Totalizer 2 event 2 type | 0 | 65535 | R/W |
| 2199 | TZ3EV2TP | Totalizer 3 event 2 type | 0 | 65535 | R/W |
| 2200 | TZ4EV2TP | Totalizer 4 event 2 type | 0 | 65535 | R/W |
| 2201 | TZ5EV2TP | Totalizer 5 event 2 type | 0 | 65535 | R/W |

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|------|-----------|-------------------------------------|----|-------|-----|
| 2202 | TZ6EV2TP | Totalizer 6 event 2 type | 0 | 65535 | R/W |
| 2203 | TZ1EV2SP | Totalizer 1 event 2 set point *7 | *5 | *5 | |
| 2204 | TZ2EV2SP | Totalizer 2 event 2 set point *7 | *5 | *5 | |
| 2205 | TZ3EV2SP | Totalizer 3 event 2 set point *7 | *5 | *5 | |
| 2206 | TZ4EV2SP | Totalizer 4 event 2 set point *7 | *5 | *5 | |
| 2207 | TZ5EV2SP | Totalizer 5 event 2 set point *7 | *5 | *5 | |
| 2208 | TZ6EV2SP | Totalizer 6 event 2 set point *7 | *5 | *5 | |
| 2209 | TZ1EV2JB1 | Totalizer 1 event 2 job 1 | 0 | 65535 | R/W |
| 2210 | TZ2EV2JB1 | Totalizer 2 event 2 job 1 | 0 | 65535 | R/W |
| 2211 | TZ3EV2JB1 | Totalizer 3 event 2 job 1 | 0 | 65535 | R/W |
| 2212 | TZ4EV2JB1 | Totalizer 4 event 2 job 1 | 0 | 65535 | R/W |
| 2213 | TZ5EV2JB1 | Totalizer 5 event 2 job 1 | 0 | 65535 | R/W |
| 2214 | TZ6EV2JB1 | Totalizer 6 event 2 job 1 | 0 | 65535 | R/W |
| 2215 | TZ1EV2PM1 | Totalizer 1 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2216 | TZ2EV2PM1 | Totalizer 2 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2217 | TZ3EV2PM1 | Totalizer 3 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2218 | TZ4EV2PM1 | Totalizer 4 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2219 | TZ5EV2PM1 | Totalizer 5 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2220 | TZ6EV2PM1 | Totalizer 6 event 2 job 1 parameter | 0 | 65535 | R/W |
| 2221 | TZ1EV2JB2 | Totalizer 1 event 2 job 2 | 0 | 65535 | R/W |
| 2222 | TZ2EV2JB2 | Totalizer 2 event 2 job 2 | 0 | 65535 | R/W |
| 2223 | TZ3EV2JB2 | Totalizer 3 event 2 job 2 | 0 | 65535 | R/W |
| 2224 | TZ4EV2JB2 | Totalizer 4 event 2 job 2 | 0 | 65535 | R/W |
| 2225 | TZ5EV2JB2 | Totalizer 5 event 2 job 2 | 0 | 65535 | R/W |
| 2226 | TZ6EV2JB2 | Totalizer 6 event 2 job 2 | 0 | 65535 | R/W |
| 2227 | TZ1EV2PM2 | Totalizer 1 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2228 | TZ2EV2PM2 | Totalizer 2 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2229 | TZ3EV2PM2 | Totalizer 3 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2230 | TZ4EV2PM2 | Totalizer 4 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2231 | TZ5EV2PM2 | Totalizer 5 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2232 | TZ6EV2PM2 | Totalizer 6 event 2 job 2 parameter | 0 | 65535 | R/W |
| 2233 | MA1EX1 | Math 1 expression char 1-2 | 0 | 65535 | R/W |
| 2234 | MA1EX2 | Math 1 expression char 3-4 | 0 | 65535 | R/W |
| 2235 | MA1EX3 | Math 1 expression char 5-6 | 0 | 65535 | R/W |
| 2236 | MA1EX4 | Math 1 expression char 7-8 | 0 | 65535 | R/W |
| 2237 | MA1EX5 | Math 1 expression char 9-10 | 0 | 65535 | R/W |
| 2238 | MA1EX6 | Math 1 expression char 11-12 | 0 | 65535 | R/W |
| 2239 | MA1EX7 | Math 1 expression char 13-14 | 0 | 65535 | R/W |
| 2240 | MA1EX8 | Math 1 expression char 15-16 | 0 | 65535 | R/W |
| 2241 | MA1EX9 | Math 1 expression char 17-18 | 0 | 65535 | R/W |
| 2242 | MA1EX10 | Math 1 expression char 19-20 | 0 | 65535 | R/W |
| 2243 | MA1EX11 | Math 1 expression char 21-22 | 0 | 65535 | R/W |
| 2244 | MA1EX12 | Math 1 expression char 23-24 | 0 | 65535 | R/W |
| 2245 | MA1EX13 | Math 1 expression char 25-26 | 0 | 65535 | R/W |
| 2246 | MA1EX14 | Math 1 expression char 27-28 | 0 | 65535 | R/W |
| 2247 | MA1EX15 | Math 1 expression char 29-30 | 0 | 65535 | R/W |
| 2248 | MA1EX16 | Math 1 expression char 31-32 | 0 | 65535 | R/W |
| 2249 | MA1EX17 | Math 1 expression char 33-34 | 0 | 65535 | R/W |
| 2250 | MA1EX18 | Math 1 expression char 35-36 | 0 | 65535 | R/W |

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|------|---------|------------------------------|---|-------|-----|
| 2251 | MA2EX1 | Math 2 expression char 1–2 | 0 | 65535 | R/W |
| 2252 | MA2EX2 | Math 2 expression char 3–4 | 0 | 65535 | R/W |
| 2253 | MA2EX3 | Math 2 expression char 5–6 | 0 | 65535 | R/W |
| 2254 | MA2EX4 | Math 2 expression char 7–8 | 0 | 65535 | R/W |
| 2255 | MA2EX5 | Math 2 expression char 9–10 | 0 | 65535 | R/W |
| 2256 | MA2EX6 | Math 2 expression char 11–12 | 0 | 65535 | R/W |
| 2257 | MA2EX7 | Math 2 expression char 13–14 | 0 | 65535 | R/W |
| 2258 | MA2EX8 | Math 2 expression char 15–16 | 0 | 65535 | R/W |
| 2259 | MA2EX9 | Math 2 expression char 17–18 | 0 | 65535 | R/W |
| 2260 | MA2EX10 | Math 2 expression char 19–20 | 0 | 65535 | R/W |
| 2261 | MA2EX11 | Math 2 expression char 21–22 | 0 | 65535 | R/W |
| 2262 | MA2EX12 | Math 2 expression char 23–24 | 0 | 65535 | R/W |
| 2263 | MA2EX13 | Math 2 expression char 25–26 | 0 | 65535 | R/W |
| 2264 | MA2EX14 | Math 2 expression char 27–28 | 0 | 65535 | R/W |
| 2265 | MA2EX15 | Math 2 expression char 29–30 | 0 | 65535 | R/W |
| 2266 | MA2EX16 | Math 2 expression char 31–32 | 0 | 65535 | R/W |
| 2267 | MA2EX17 | Math 2 expression char 33–34 | 0 | 65535 | R/W |
| 2268 | MA2EX18 | Math 2 expression char 35–36 | 0 | 65535 | R/W |
| 2269 | MA3EX1 | Math 3 expression char 1–2 | 0 | 65535 | R/W |
| 2270 | MA3EX2 | Math 3 expression char 3–4 | 0 | 65535 | R/W |
| 2271 | MA3EX3 | Math 3 expression char 5–6 | 0 | 65535 | R/W |
| 2272 | MA3EX4 | Math 3 expression char 7–8 | 0 | 65535 | R/W |
| 2273 | MA3EX5 | Math 3 expression char 9–10 | 0 | 65535 | R/W |
| 2274 | MA3EX6 | Math 3 expression char 11–12 | 0 | 65535 | R/W |
| 2275 | MA3EX7 | Math 3 expression char 13–14 | 0 | 65535 | R/W |
| 2276 | MA3EX8 | Math 3 expression char 15–16 | 0 | 65535 | R/W |
| 2277 | MA3EX9 | Math 3 expression char 17–18 | 0 | 65535 | R/W |
| 2278 | MA3EX10 | Math 3 expression char 19–20 | 0 | 65535 | R/W |
| 2279 | MA3EX11 | Math 3 expression char 21–22 | 0 | 65535 | R/W |
| 2280 | MA3EX12 | Math 3 expression char 23–24 | 0 | 65535 | R/W |
| 2281 | MA3EX13 | Math 3 expression char 25–26 | 0 | 65535 | R/W |
| 2282 | MA3EX14 | Math 3 expression char 27–28 | 0 | 65535 | R/W |
| 2283 | MA3EX15 | Math 3 expression char 29–30 | 0 | 65535 | R/W |
| 2284 | MA3EX16 | Math 3 expression char 31–32 | 0 | 65535 | R/W |
| 2285 | MA3EX17 | Math 3 expression char 33–34 | 0 | 65535 | R/W |
| 2286 | MA3EX18 | Math 3 expression char 35–36 | 0 | 65535 | R/W |
| 2287 | MA4EX1 | Math 4 expression char 1–2 | 0 | 65535 | R/W |
| 2288 | MA4EX2 | Math 4 expression char 3–4 | 0 | 65535 | R/W |
| 2289 | MA4EX3 | Math 4 expression char 5–6 | 0 | 65535 | R/W |
| 2290 | MA4EX4 | Math 4 expression char 7–8 | 0 | 65535 | R/W |
| 2291 | MA4EX5 | Math 4 expression char 9–10 | 0 | 65535 | R/W |
| 2292 | MA4EX6 | Math 4 expression char 11–12 | 0 | 65535 | R/W |
| 2293 | MA4EX7 | Math 4 expression char 13–14 | 0 | 65535 | R/W |
| 2294 | MA4EX8 | Math 4 expression char 15–16 | 0 | 65535 | R/W |
| 2295 | MA4EX9 | Math 4 expression char 17–18 | 0 | 65535 | R/W |
| 2296 | MA4EX10 | Math 4 expression char 19–20 | 0 | 65535 | R/W |
| 2297 | MA4EX11 | Math 4 expression char 21–22 | 0 | 65535 | R/W |
| 2298 | MA4EX12 | Math 4 expression char 23–24 | 0 | 65535 | R/W |
| 2299 | MA4EX13 | Math 4 expression char 25–26 | 0 | 65535 | R/W |

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|------|---------|------------------------------|---|-------|-----|
| 2300 | MA4EX14 | Math 4 expression char 27~28 | 0 | 65535 | R/W |
| 2301 | MA4EX15 | Math 4 expression char 29~30 | 0 | 65535 | R/W |
| 2302 | MA4EX16 | Math 4 expression char 31~32 | 0 | 65535 | R/W |
| 2303 | MA4EX17 | Math 4 expression char 33~34 | 0 | 65535 | R/W |
| 2304 | MA4EX18 | Math 4 expression char 35~36 | 0 | 65535 | R/W |
| 2305 | MA5EX1 | Math 5 expression char 1~2 | 0 | 65535 | R/W |
| 2306 | MA5EX2 | Math 5 expression char 3~4 | 0 | 65535 | R/W |
| 2307 | MA5EX3 | Math 5 expression char 5~6 | 0 | 65535 | R/W |
| 2308 | MA5EX4 | Math 5 expression char 7~8 | 0 | 65535 | R/W |
| 2309 | MA5EX5 | Math 5 expression char 9~10 | 0 | 65535 | R/W |
| 2310 | MA5EX6 | Math 5 expression char 11~12 | 0 | 65535 | R/W |
| 2311 | MA5EX7 | Math 5 expression char 13~14 | 0 | 65535 | R/W |
| 2312 | MA5EX8 | Math 5 expression char 15~16 | 0 | 65535 | R/W |
| 2313 | MA5EX9 | Math 5 expression char 17~18 | 0 | 65535 | R/W |
| 2314 | MA5EX10 | Math 5 expression char 19~20 | 0 | 65535 | R/W |
| 2315 | MA5EX11 | Math 5 expression char 21~22 | 0 | 65535 | R/W |
| 2316 | MA5EX12 | Math 5 expression char 23~24 | 0 | 65535 | R/W |
| 2317 | MA5EX13 | Math 5 expression char 25~26 | 0 | 65535 | R/W |
| 2318 | MA5EX14 | Math 5 expression char 27~28 | 0 | 65535 | R/W |
| 2319 | MA5EX15 | Math 5 expression char 29~30 | 0 | 65535 | R/W |
| 2320 | MA5EX16 | Math 5 expression char 31~32 | 0 | 65535 | R/W |
| 2321 | MA5EX17 | Math 5 expression char 33~34 | 0 | 65535 | R/W |
| 2322 | MA5EX18 | Math 5 expression char 35~36 | 0 | 65535 | R/W |
| 2323 | MA6EX1 | Math 6 expression char 1~2 | 0 | 65535 | R/W |
| 2324 | MA6EX2 | Math 6 expression char 3~4 | 0 | 65535 | R/W |
| 2325 | MA6EX3 | Math 6 expression char 5~6 | 0 | 65535 | R/W |
| 2326 | MA6EX4 | Math 6 expression char 7~8 | 0 | 65535 | R/W |
| 2327 | MA6EX5 | Math 6 expression char 9~10 | 0 | 65535 | R/W |
| 2328 | MA6EX6 | Math 6 expression char 11~12 | 0 | 65535 | R/W |
| 2329 | MA6EX7 | Math 6 expression char 13~14 | 0 | 65535 | R/W |
| 2330 | MA6EX8 | Math 6 expression char 15~16 | 0 | 65535 | R/W |
| 2331 | MA6EX9 | Math 6 expression char 17~18 | 0 | 65535 | R/W |
| 2332 | MA6EX10 | Math 6 expression char 19~20 | 0 | 65535 | R/W |
| 2333 | MA6EX11 | Math 6 expression char 21~22 | 0 | 65535 | R/W |
| 2334 | MA6EX12 | Math 6 expression char 23~24 | 0 | 65535 | R/W |
| 2335 | MA6EX13 | Math 6 expression char 25~26 | 0 | 65535 | R/W |
| 2336 | MA6EX14 | Math 6 expression char 27~28 | 0 | 65535 | R/W |
| 2337 | MA6EX15 | Math 6 expression char 29~30 | 0 | 65535 | R/W |
| 2338 | MA6EX16 | Math 6 expression char 31~32 | 0 | 65535 | R/W |
| 2339 | MA6EX17 | Math 6 expression char 33~34 | 0 | 65535 | R/W |
| 2340 | MA6EX18 | Math 6 expression char 35~36 | 0 | 65535 | R/W |
| 2341 | MA7EX1 | Math 7 expression char 1~2 | 0 | 65535 | R/W |
| 2342 | MA7EX2 | Math 7 expression char 3~4 | 0 | 65535 | R/W |
| 2343 | MA7EX3 | Math 7 expression char 5~6 | 0 | 65535 | R/W |
| 2344 | MA7EX4 | Math 7 expression char 7~8 | 0 | 65535 | R/W |
| 2345 | MA7EX5 | Math 7 expression char 9~10 | 0 | 65535 | R/W |
| 2346 | MA7EX6 | Math 7 expression char 11~12 | 0 | 65535 | R/W |
| 2347 | MA7EX7 | Math 7 expression char 13~14 | 0 | 65535 | R/W |
| 2348 | MA7EX8 | Math 7 expression char 15~16 | 0 | 65535 | R/W |

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|------|---------|------------------------------|---|-------|-----|
| 2349 | MA7EX9 | Math 7 expression char 17~18 | 0 | 65535 | R/W |
| 2350 | MA7EX10 | Math 7 expression char 19~20 | 0 | 65535 | R/W |
| 2351 | MA7EX11 | Math 7 expression char 21~22 | 0 | 65535 | R/W |
| 2352 | MA7EX12 | Math 7 expression char 23~24 | 0 | 65535 | R/W |
| 2353 | MA7EX13 | Math 7 expression char 25~26 | 0 | 65535 | R/W |
| 2354 | MA7EX14 | Math 7 expression char 27~28 | 0 | 65535 | R/W |
| 2355 | MA7EX15 | Math 7 expression char 29~30 | 0 | 65535 | R/W |
| 2356 | MA7EX16 | Math 7 expression char 31~32 | 0 | 65535 | R/W |
| 2357 | MA7EX17 | Math 7 expression char 33~34 | 0 | 65535 | R/W |
| 2358 | MA7EX18 | Math 7 expression char 35~36 | 0 | 65535 | R/W |
| 2359 | MA8EX1 | Math 8 expression char 1~2 | 0 | 65535 | R/W |
| 2360 | MA8EX2 | Math 8 expression char 3~4 | 0 | 65535 | R/W |
| 2361 | MA8EX3 | Math 8 expression char 5~6 | 0 | 65535 | R/W |
| 2362 | MA8EX4 | Math 8 expression char 7~8 | 0 | 65535 | R/W |
| 2363 | MA8EX5 | Math 8 expression char 9~10 | 0 | 65535 | R/W |
| 2364 | MA8EX6 | Math 8 expression char 11~12 | 0 | 65535 | R/W |
| 2365 | MA8EX7 | Math 8 expression char 13~14 | 0 | 65535 | R/W |
| 2366 | MA8EX8 | Math 8 expression char 15~16 | 0 | 65535 | R/W |
| 2367 | MA8EX9 | Math 8 expression char 17~18 | 0 | 65535 | R/W |
| 2368 | MA8EX10 | Math 8 expression char 19~20 | 0 | 65535 | R/W |
| 2369 | MA8EX11 | Math 8 expression char 21~22 | 0 | 65535 | R/W |
| 2370 | MA8EX12 | Math 8 expression char 23~24 | 0 | 65535 | R/W |
| 2371 | MA8EX13 | Math 8 expression char 25~26 | 0 | 65535 | R/W |
| 2372 | MA8EX14 | Math 8 expression char 27~28 | 0 | 65535 | R/W |
| 2373 | MA8EX15 | Math 8 expression char 29~30 | 0 | 65535 | R/W |
| 2374 | MA8EX16 | Math 8 expression char 31~32 | 0 | 65535 | R/W |
| 2375 | MA8EX17 | Math 8 expression char 33~34 | 0 | 65535 | R/W |
| 2376 | MA8EX18 | Math 8 expression char 35~36 | 0 | 65535 | R/W |
| 2377 | MA9EX1 | Math 9 expression char 1~2 | 0 | 65535 | R/W |
| 2378 | MA9EX2 | Math 9 expression char 3~4 | 0 | 65535 | R/W |
| 2379 | MA9EX3 | Math 9 expression char 5~6 | 0 | 65535 | R/W |
| 2380 | MA9EX4 | Math 9 expression char 7~8 | 0 | 65535 | R/W |
| 2381 | MA9EX5 | Math 9 expression char 9~10 | 0 | 65535 | R/W |
| 2382 | MA9EX6 | Math 9 expression char 11~12 | 0 | 65535 | R/W |
| 2383 | MA9EX7 | Math 9 expression char 13~14 | 0 | 65535 | R/W |
| 2384 | MA9EX8 | Math 9 expression char 15~16 | 0 | 65535 | R/W |
| 2385 | MA9EX9 | Math 9 expression char 17~18 | 0 | 65535 | R/W |
| 2386 | MA9EX10 | Math 9 expression char 19~20 | 0 | 65535 | R/W |
| 2387 | MA9EX11 | Math 9 expression char 21~22 | 0 | 65535 | R/W |
| 2388 | MA9EX12 | Math 9 expression char 23~24 | 0 | 65535 | R/W |
| 2389 | MA9EX13 | Math 9 expression char 25~26 | 0 | 65535 | R/W |
| 2390 | MA9EX14 | Math 9 expression char 27~28 | 0 | 65535 | R/W |
| 2391 | MA9EX15 | Math 9 expression char 29~30 | 0 | 65535 | R/W |
| 2392 | MA9EX16 | Math 9 expression char 31~32 | 0 | 65535 | R/W |
| 2393 | MA9EX17 | Math 9 expression char 33~34 | 0 | 65535 | R/W |
| 2394 | MA9EX18 | Math 9 expression char 35~36 | 0 | 65535 | R/W |
| 2395 | MA10EX1 | Math 10 expression char 1~2 | 0 | 65535 | R/W |
| 2396 | MA10EX2 | Math 10 expression char 3~4 | 0 | 65535 | R/W |
| 2397 | MA10EX3 | Math 10 expression char 5~6 | 0 | 65535 | R/W |

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|------|----------|-------------------------------|---|-------|-----|
| 2398 | MA10EX4 | Math 10 expression char 7~8 | 0 | 65535 | R/W |
| 2399 | MA10EX5 | Math 10 expression char 9~10 | 0 | 65535 | R/W |
| 2400 | MA10EX6 | Math 10 expression char 11~12 | 0 | 65535 | R/W |
| 2401 | MA10EX7 | Math 10 expression char 13~14 | 0 | 65535 | R/W |
| 2402 | MA10EX8 | Math 10 expression char 15~16 | 0 | 65535 | R/W |
| 2403 | MA10EX9 | Math 10 expression char 17~18 | 0 | 65535 | R/W |
| 2404 | MA10EX10 | Math 10 expression char 19~20 | 0 | 65535 | R/W |
| 2405 | MA10EX11 | Math 10 expression char 21~22 | 0 | 65535 | R/W |
| 2406 | MA10EX12 | Math 10 expression char 23~24 | 0 | 65535 | R/W |
| 2407 | MA10EX13 | Math 10 expression char 25~26 | 0 | 65535 | R/W |
| 2408 | MA10EX14 | Math 10 expression char 27~28 | 0 | 65535 | R/W |
| 2409 | MA10EX15 | Math 10 expression char 29~30 | 0 | 65535 | R/W |
| 2410 | MA10EX16 | Math 10 expression char 31~32 | 0 | 65535 | R/W |
| 2411 | MA10EX17 | Math 10 expression char 33~34 | 0 | 65535 | R/W |
| 2412 | MA10EX18 | Math 10 expression char 35~36 | 0 | 65535 | R/W |
| 2413 | MA11EX1 | Math 11 expression char 1~2 | 0 | 65535 | R/W |
| 2414 | MA11EX2 | Math 11 expression char 3~4 | 0 | 65535 | R/W |
| 2415 | MA11EX3 | Math 11 expression char 5~6 | 0 | 65535 | R/W |
| 2416 | MA11EX4 | Math 11 expression char 7~8 | 0 | 65535 | R/W |
| 2417 | MA11EX5 | Math 11 expression char 9~10 | 0 | 65535 | R/W |
| 2418 | MA11EX6 | Math 11 expression char 11~12 | 0 | 65535 | R/W |
| 2419 | MA11EX7 | Math 11 expression char 13~14 | 0 | 65535 | R/W |
| 2420 | MA11EX8 | Math 11 expression char 15~16 | 0 | 65535 | R/W |
| 2421 | MA11EX9 | Math 11 expression char 17~18 | 0 | 65535 | R/W |
| 2422 | MA11EX10 | Math 11 expression char 19~20 | 0 | 65535 | R/W |
| 2423 | MA11EX11 | Math 11 expression char 21~22 | 0 | 65535 | R/W |
| 2424 | MA11EX12 | Math 11 expression char 23~24 | 0 | 65535 | R/W |
| 2425 | MA11EX13 | Math 11 expression char 25~26 | 0 | 65535 | R/W |
| 2426 | MA11EX14 | Math 11 expression char 27~28 | 0 | 65535 | R/W |
| 2427 | MA11EX15 | Math 11 expression char 29~30 | 0 | 65535 | R/W |
| 2428 | MA11EX16 | Math 11 expression char 31~32 | 0 | 65535 | R/W |
| 2429 | MA11EX17 | Math 11 expression char 33~34 | 0 | 65535 | R/W |
| 2430 | MA11EX18 | Math 11 expression char 35~36 | 0 | 65535 | R/W |
| 2431 | MA12EX1 | Math 12 expression char 1~2 | 0 | 65535 | R/W |
| 2432 | MA12EX2 | Math 12 expression char 3~4 | 0 | 65535 | R/W |
| 2433 | MA12EX3 | Math 12 expression char 5~6 | 0 | 65535 | R/W |
| 2434 | MA12EX4 | Math 12 expression char 7~8 | 0 | 65535 | R/W |
| 2435 | MA12EX5 | Math 12 expression char 9~10 | 0 | 65535 | R/W |
| 2436 | MA12EX6 | Math 12 expression char 11~12 | 0 | 65535 | R/W |
| 2437 | MA12EX7 | Math 12 expression char 13~14 | 0 | 65535 | R/W |
| 2438 | MA12EX8 | Math 12 expression char 15~16 | 0 | 65535 | R/W |
| 2439 | MA12EX9 | Math 12 expression char 17~18 | 0 | 65535 | R/W |
| 2440 | MA12EX10 | Math 12 expression char 19~20 | 0 | 65535 | R/W |
| 2441 | MA12EX11 | Math 12 expression char 21~22 | 0 | 65535 | R/W |
| 2442 | MA12EX12 | Math 12 expression char 23~24 | 0 | 65535 | R/W |
| 2443 | MA12EX13 | Math 12 expression char 25~26 | 0 | 65535 | R/W |
| 2444 | MA12EX14 | Math 12 expression char 27~28 | 0 | 65535 | R/W |
| 2445 | MA12EX15 | Math 12 expression char 29~30 | 0 | 65535 | R/W |
| 2446 | MA12EX16 | Math 12 expression char 31~32 | 0 | 65535 | R/W |

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|------|----------|-------------------------------|---|-------|-----|
| 2447 | MA12EX17 | Math 12 expression char 33~34 | 0 | 65535 | R/W |
| 2448 | MA12EX18 | Math 12 expression char 35~36 | 0 | 65535 | R/W |
| 2449 | MA13EX1 | Math 13 expression char 1~2 | 0 | 65535 | R/W |
| 2450 | MA13EX2 | Math 13 expression char 3~4 | 0 | 65535 | R/W |
| 2451 | MA13EX3 | Math 13 expression char 5~6 | 0 | 65535 | R/W |
| 2452 | MA13EX4 | Math 13 expression char 7~8 | 0 | 65535 | R/W |
| 2453 | MA13EX5 | Math 13 expression char 9~10 | 0 | 65535 | R/W |
| 2454 | MA13EX6 | Math 13 expression char 11~12 | 0 | 65535 | R/W |
| 2455 | MA13EX7 | Math 13 expression char 13~14 | 0 | 65535 | R/W |
| 2456 | MA13EX8 | Math 13 expression char 15~16 | 0 | 65535 | R/W |
| 2457 | MA13EX9 | Math 13 expression char 17~18 | 0 | 65535 | R/W |
| 2458 | MA13EX10 | Math 13 expression char 19~20 | 0 | 65535 | R/W |
| 2459 | MA13EX11 | Math 13 expression char 21~22 | 0 | 65535 | R/W |
| 2460 | MA13EX12 | Math 13 expression char 23~24 | 0 | 65535 | R/W |
| 2461 | MA13EX13 | Math 13 expression char 25~26 | 0 | 65535 | R/W |
| 2462 | MA13EX14 | Math 13 expression char 27~28 | 0 | 65535 | R/W |
| 2463 | MA13EX15 | Math 13 expression char 29~30 | 0 | 65535 | R/W |
| 2464 | MA13EX16 | Math 13 expression char 31~32 | 0 | 65535 | R/W |
| 2465 | MA13EX17 | Math 13 expression char 33~34 | 0 | 65535 | R/W |
| 2466 | MA13EX18 | Math 13 expression char 35~36 | 0 | 65535 | R/W |
| 2467 | MA14EX1 | Math 14 expression char 1~2 | 0 | 65535 | R/W |
| 2468 | MA14EX2 | Math 14 expression char 3~4 | 0 | 65535 | R/W |
| 2469 | MA14EX3 | Math 14 expression char 5~6 | 0 | 65535 | R/W |
| 2470 | MA14EX4 | Math 14 expression char 7~8 | 0 | 65535 | R/W |
| 2471 | MA14EX5 | Math 14 expression char 9~10 | 0 | 65535 | R/W |
| 2472 | MA14EX6 | Math 14 expression char 11~12 | 0 | 65535 | R/W |
| 2473 | MA14EX7 | Math 14 expression char 13~14 | 0 | 65535 | R/W |
| 2474 | MA14EX8 | Math 14 expression char 15~16 | 0 | 65535 | R/W |
| 2475 | MA14EX9 | Math 14 expression char 17~18 | 0 | 65535 | R/W |
| 2476 | MA14EX10 | Math 14 expression char 19~20 | 0 | 65535 | R/W |
| 2477 | MA14EX11 | Math 14 expression char 21~22 | 0 | 65535 | R/W |
| 2478 | MA14EX12 | Math 14 expression char 23~24 | 0 | 65535 | R/W |
| 2479 | MA14EX13 | Math 14 expression char 25~26 | 0 | 65535 | R/W |
| 2480 | MA14EX14 | Math 14 expression char 27~28 | 0 | 65535 | R/W |
| 2481 | MA14EX15 | Math 14 expression char 29~30 | 0 | 65535 | R/W |
| 2482 | MA14EX16 | Math 14 expression char 31~32 | 0 | 65535 | R/W |
| 2483 | MA14EX17 | Math 14 expression char 33~34 | 0 | 65535 | R/W |
| 2484 | MA4EX18 | Math 14 expression char 35~36 | 0 | 65535 | R/W |
| 2485 | MA15EX1 | Math 15 expression char 1~2 | 0 | 65535 | R/W |
| 2486 | MA15EX2 | Math 15 expression char 3~4 | 0 | 65535 | R/W |
| 2487 | MA15EX3 | Math 15 expression char 5~6 | 0 | 65535 | R/W |
| 2488 | MA15EX4 | Math 15 expression char 7~8 | 0 | 65535 | R/W |
| 2489 | MA15EX5 | Math 15 expression char 9~10 | 0 | 65535 | R/W |
| 2490 | MA15EX6 | Math 15 expression char 11~12 | 0 | 65535 | R/W |
| 2491 | MA15EX7 | Math 15 expression char 13~14 | 0 | 65535 | R/W |
| 2492 | MA15EX8 | Math 15 expression char 15~16 | 0 | 65535 | R/W |
| 2493 | MA15EX9 | Math 15 expression char 17~18 | 0 | 65535 | R/W |
| 2494 | MA15EX10 | Math 15 expression char 19~20 | 0 | 65535 | R/W |
| 2495 | MA15EX11 | Math 15 expression char 21~22 | 0 | 65535 | R/W |

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|------|----------|-------------------------------|---|-------|-----|
| 2496 | MA15EX12 | Math 15 expression char 23~24 | 0 | 65535 | R/W |
| 2497 | MA15EX13 | Math 15 expression char 25~26 | 0 | 65535 | R/W |
| 2498 | MA15EX14 | Math 15 expression char 27~28 | 0 | 65535 | R/W |
| 2499 | MA15EX15 | Math 15 expression char 29~30 | 0 | 65535 | R/W |
| 2500 | MA15EX16 | Math 15 expression char 31~32 | 0 | 65535 | R/W |
| 2501 | MA15EX17 | Math 15 expression char 33~34 | 0 | 65535 | R/W |
| 2502 | MA15EX18 | Math 15 expression char 35~36 | 0 | 65535 | R/W |
| 2503 | MA16EX1 | Math 16 expression char 1~2 | 0 | 65535 | R/W |
| 2504 | MA16EX2 | Math 16 expression char 3~4 | 0 | 65535 | R/W |
| 2505 | MA16EX3 | Math 16 expression char 5~6 | 0 | 65535 | R/W |
| 2506 | MA16EX4 | Math 16 expression char 7~8 | 0 | 65535 | R/W |
| 2507 | MA16EX5 | Math 16 expression char 9~10 | 0 | 65535 | R/W |
| 2508 | MA16EX6 | Math 16 expression char 11~12 | 0 | 65535 | R/W |
| 2509 | MA16EX7 | Math 16 expression char 13~14 | 0 | 65535 | R/W |
| 2510 | MA16EX8 | Math 16 expression char 15~16 | 0 | 65535 | R/W |
| 2511 | MA16EX9 | Math 16 expression char 17~18 | 0 | 65535 | R/W |
| 2512 | MA16EX10 | Math 16 expression char 19~20 | 0 | 65535 | R/W |
| 2513 | MA16EX11 | Math 16 expression char 21~22 | 0 | 65535 | R/W |
| 2514 | MA16EX12 | Math 16 expression char 23~24 | 0 | 65535 | R/W |
| 2515 | MA16EX13 | Math 16 expression char 25~26 | 0 | 65535 | R/W |
| 2516 | MA16EX14 | Math 16 expression char 27~28 | 0 | 65535 | R/W |
| 2517 | MA16EX15 | Math 16 expression char 29~30 | 0 | 65535 | R/W |
| 2518 | MA16EX16 | Math 16 expression char 31~32 | 0 | 65535 | R/W |
| 2519 | MA16EX17 | Math 16 expression char 33~34 | 0 | 65535 | R/W |
| 2520 | MA6EX18 | Math 16 expression char 35~36 | 0 | 65535 | R/W |
| 2521 | MA17EX1 | Math 17 expression char 1~2 | 0 | 65535 | R/W |
| 2522 | MA17EX2 | Math 17 expression char 3~4 | 0 | 65535 | R/W |
| 2523 | MA17EX3 | Math 17 expression char 5~6 | 0 | 65535 | R/W |
| 2524 | MA17EX4 | Math 17 expression char 7~8 | 0 | 65535 | R/W |
| 2525 | MA17EX5 | Math 17 expression char 9~10 | 0 | 65535 | R/W |
| 2526 | MA17EX6 | Math 17 expression char 11~12 | 0 | 65535 | R/W |
| 2527 | MA17EX7 | Math 17 expression char 13~14 | 0 | 65535 | R/W |
| 2528 | MA17EX8 | Math 17 expression char 15~16 | 0 | 65535 | R/W |
| 2529 | MA17EX9 | Math 17 expression char 17~18 | 0 | 65535 | R/W |
| 2530 | MA17EX10 | Math 17 expression char 19~20 | 0 | 65535 | R/W |
| 2531 | MA17EX11 | Math 17 expression char 21~22 | 0 | 65535 | R/W |
| 2532 | MA17EX12 | Math 17 expression char 23~24 | 0 | 65535 | R/W |
| 2533 | MA17EX13 | Math 17 expression char 25~26 | 0 | 65535 | R/W |
| 2534 | MA17EX14 | Math 17 expression char 27~28 | 0 | 65535 | R/W |
| 2535 | MA17EX15 | Math 17 expression char 29~30 | 0 | 65535 | R/W |
| 2536 | MA17EX16 | Math 17 expression char 31~32 | 0 | 65535 | R/W |
| 2537 | MA17EX17 | Math 17 expression char 33~34 | 0 | 65535 | R/W |
| 2538 | MA17EX18 | Math 17 expression char 35~36 | 0 | 65535 | R/W |
| 2539 | MA18EX1 | Math 18 expression char 1~2 | 0 | 65535 | R/W |
| 2540 | MA18EX2 | Math 18 expression char 3~4 | 0 | 65535 | R/W |
| 2541 | MA18EX3 | Math 18 expression char 5~6 | 0 | 65535 | R/W |
| 2542 | MA18EX4 | Math 18 expression char 7~8 | 0 | 65535 | R/W |
| 2543 | MA18EX5 | Math 18 expression char 9~10 | 0 | 65535 | R/W |
| 2544 | MA18EX6 | Math 18 expression char 11~12 | 0 | 65535 | R/W |

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|------|----------|---------------------------------|---|-------|-----|
| 2545 | MA18EX7 | Math 18 expression char 13~14 | 0 | 65535 | R/W |
| 2546 | MA18EX8 | Math 18 expression char 15~16 | 0 | 65535 | R/W |
| 2547 | MA18EX9 | Math 18 expression char 17~18 | 0 | 65535 | R/W |
| 2548 | MA18EX10 | Math 18 expression char 19~20 | 0 | 65535 | R/W |
| 2549 | MA18EX11 | Math 18 expression char 21~22 | 0 | 65535 | R/W |
| 2550 | MA18EX12 | Math 18 expression char 23~24 | 0 | 65535 | R/W |
| 2551 | MA18EX13 | Math 18 expression char 25~26 | 0 | 65535 | R/W |
| 2552 | MA18EX14 | Math 18 expression char 27~28 | 0 | 65535 | R/W |
| 2553 | MA18EX15 | Math 18 expression char 29~30 | 0 | 65535 | R/W |
| 2554 | MA18EX16 | Math 18 expression char 31~32 | 0 | 65535 | R/W |
| 2555 | MA18EX17 | Math 18 expression char 33~34 | 0 | 65535 | R/W |
| 2556 | MA18EX18 | Math 18 expression char 35~36 | 0 | 65535 | R/W |
| 2557 | CDMD1 | IO card mode slot 1 channel 1~2 | 0 | 65535 | R |
| 2558 | CDMD2 | IO card mode slot 1 channel 3~4 | 0 | 65535 | R |
| 2559 | CDMD3 | IO card mode slot 1 channel 5~6 | 0 | 65535 | R |
| 2560 | CDMD4 | IO card mode slot 2 channel 1~2 | 0 | 65535 | R |
| 2561 | CDMD5 | IO card mode slot 2 channel 3~4 | 0 | 65535 | R |
| 2562 | CDMD6 | IO card mode slot 2 channel 5~6 | 0 | 65535 | R |
| 2563 | CDMD7 | IO card mode slot 3 channel 1~2 | 0 | 65535 | R |
| 2564 | CDMD8 | IO card mode slot 3 channel 3~4 | 0 | 65535 | R |
| 2565 | CDMD9 | IO card mode slot 3 channel 5~6 | 0 | 65535 | R |
| 2566 | CDMD10 | IO card mode slot 4 channel 1~2 | 0 | 65535 | R |
| 2567 | CDMD11 | IO card mode slot 4 channel 3~4 | 0 | 65535 | R |
| 2568 | CDMD12 | IO card mode slot 4 channel 5~6 | 0 | 65535 | R |
| 2569 | CDMD13 | IO card mode slot 5 channel 1~2 | 0 | 65535 | R |
| 2570 | CDMD14 | IO card mode slot 5 channel 3~4 | 0 | 65535 | R |
| 2571 | CDMD15 | IO card mode slot 5 channel 5~6 | 0 | 65535 | R |
| 2572 | CDMD16 | IO card mode slot 6 channel 1~2 | 0 | 65535 | R |
| 2573 | CDMD17 | IO card mode slot 6 channel 3~4 | 0 | 65535 | R |
| 2574 | CDMD18 | IO card mode slot 6 channel 5~6 | 0 | 65535 | R |
| 2575 | DI13NA1 | DI 13 name char 1~2 *6 | 0 | 65535 | R/W |
| 2576 | DI13NA2 | DI 13 name char 3~4 *6 | 0 | 65535 | R/W |
| 2577 | DI13NA3 | DI 13 name char 5~6 *6 | 0 | 65535 | R/W |
| 2578 | DI14NA1 | DI 14 name char 1~2 *6 | 0 | 65535 | R/W |
| 2579 | DI14NA2 | DI 14 name char 3~4 *6 | 0 | 65535 | R/W |
| 2580 | DI14NA3 | DI 14 name char 5~6 *6 | 0 | 65535 | R/W |
| 2581 | DI15NA1 | DI 15 name char 1~2 *6 | 0 | 65535 | R/W |
| 2582 | DI15NA2 | DI 15 name char 3~4 *6 | 0 | 65535 | R/W |
| 2583 | DI15NA3 | DI 15 name char 5~6 *6 | 0 | 65535 | R/W |
| 2584 | DI16NA1 | DI 16 name char 1~2 *6 | 0 | 65535 | R/W |
| 2585 | DI16NA2 | DI 16 name char 3~4 *6 | 0 | 65535 | R/W |
| 2586 | DI16NA3 | DI 16 name char 5~6 *6 | 0 | 65535 | R/W |
| 2587 | DI17NA1 | DI 17 name char 1~2 *6 | 0 | 65535 | R/W |
| 2588 | DI17NA2 | DI 17 name char 3~4 *6 | 0 | 65535 | R/W |
| 2589 | DI17NA3 | DI 17 name char 5~6 *6 | 0 | 65535 | R/W |
| 2590 | DI18NA1 | DI 18 name char 1~2 *6 | 0 | 65535 | R/W |
| 2591 | DI18NA2 | DI 18 name char 3~4 *6 | 0 | 65535 | R/W |
| 2592 | DI18NA3 | DI 18 name char 5~6 *6 | 0 | 65535 | R/W |
| 2593 | DI19NA1 | DI 19 name char 1~2 *6 | 0 | 65535 | R/W |

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|------|---------|---------------------|----|---|-------|-----|
| 2594 | DI19NA2 | DI 19 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2595 | DI19NA3 | DI 19 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2596 | DI20NA1 | DI 10 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2597 | DI20NA2 | DI 10 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2598 | DI20NA3 | DI 10 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2599 | DI21NA1 | DI 21 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2600 | DI21NA2 | DI 21 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2601 | DI21NA3 | DI 21 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2602 | DI22NA1 | DI 22 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2603 | DI22NA2 | DI 22 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2604 | DI22NA3 | DI 22 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2605 | DI23NA1 | DI 23 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2606 | DI23NA2 | DI 23 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2607 | DI23NA3 | DI 23 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2608 | DI24NA1 | DI 24 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2609 | DI24NA2 | DI 24 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2610 | DI24NA3 | DI 24 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2611 | DI25NA1 | DI 25 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2612 | DI25NA2 | DI 25 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2613 | DI25NA3 | DI 25 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2614 | DI26NA1 | DI 26 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2615 | DI26NA2 | DI 26 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2616 | DI26NA3 | DI 26 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2617 | DI27NA1 | DI 27 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2618 | DI27NA2 | DI 27 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2619 | DI27NA3 | DI 27 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2620 | DI28NA1 | DI 28 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2621 | DI28NA2 | DI 28 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2622 | DI28NA3 | DI 28 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2623 | DI29NA1 | DI 29 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2624 | DI29NA2 | DI 29 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2625 | DI29NA3 | DI 29 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2626 | DI30NA1 | DI 30 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2627 | DI30NA2 | DI 30 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2628 | DI30NA3 | DI 30 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2629 | DI31NA1 | DI 31 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2630 | DI31NA2 | DI 31 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2631 | DI31NA3 | DI 31 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2632 | DI32NA1 | DI 32 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2633 | DI32NA2 | DI 32 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2634 | DI32NA3 | DI 32 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2635 | DI33NA1 | DI 33 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2636 | DI33NA2 | DI 33 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2637 | DI33NA3 | DI 33 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2638 | DI34NA1 | DI 34 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2639 | DI34NA2 | DI 34 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2640 | DI34NA3 | DI 34 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2641 | DI35NA1 | DI 35 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2642 | DI35NA2 | DI 35 name char 3~4 | *6 | 0 | 65535 | R/W |

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|------|------------|---------------------|----|---|-------|-----|
| 2643 | DI35NA3 | DI 35 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2644 | DI36NA1 | DI 36 name char 1~2 | *6 | 0 | 65535 | R/W |
| 2645 | DI36NA2 | DI 36 name char 3~4 | *6 | 0 | 65535 | R/W |
| 2646 | DI36NA3 | DI 36 name char 5~6 | *6 | 0 | 65535 | R/W |
| 2647 | DI13EV1TP | DI 13 event 1 type | *6 | 0 | 65535 | R/W |
| 2648 | DI14EV1TP | DI 14 event 1 type | *6 | 0 | 65535 | R/W |
| 2649 | DI15EV1TP | DI 15 event 1 type | *6 | 0 | 65535 | R/W |
| 2650 | DI16EV1TP | DI 16 event 1 type | *6 | 0 | 65535 | R/W |
| 2651 | DI17EV1TP | DI 17 event 1 type | *6 | 0 | 65535 | R/W |
| 2652 | DI18EV1TP | DI 18 event 1 type | *6 | 0 | 65535 | R/W |
| 2653 | DI19EV1TP | DI 19 event 1 type | *6 | 0 | 65535 | R/W |
| 2654 | DI20EV1TP | DI 20 event 1 type | *6 | 0 | 65535 | R/W |
| 2655 | DI21EV1TP | DI 21 event 1 type | *6 | 0 | 65535 | R/W |
| 2656 | DI22EV1TP | DI 22 event 1 type | *6 | 0 | 65535 | R/W |
| 2657 | DI23EV1TP | DI 23 event 1 type | *6 | 0 | 65535 | R/W |
| 2658 | DI24EV1TP | DI 24 event 1 type | *6 | 0 | 65535 | R/W |
| 2659 | DI25EV1TP | DI 25 event 1 type | *6 | 0 | 65535 | R/W |
| 2660 | DI26EV1TP | DI 26 event 1 type | *6 | 0 | 65535 | R/W |
| 2661 | DI27EV1TP | DI 27 event 1 type | *6 | 0 | 65535 | R/W |
| 2662 | DI28EV1TP | DI 28 event 1 type | *6 | 0 | 65535 | R/W |
| 2663 | DI29EV1TP | DI 29 event 1 type | *6 | 0 | 65535 | R/W |
| 2664 | DI30EV1TP | DI 30 event 1 type | *6 | 0 | 65535 | R/W |
| 2665 | DI31EV1TP | DI 31 event 1 type | *6 | 0 | 65535 | R/W |
| 2666 | DI32EV1TP | DI 32 event 1 type | *6 | 0 | 65535 | R/W |
| 2667 | DI33EV1TP | DI 33 event 1 type | *6 | 0 | 65535 | R/W |
| 2668 | DI34EV1TP | DI 34 event 1 type | *6 | 0 | 65535 | R/W |
| 2669 | DI35EV1TP | DI 35 event 1 type | *6 | 0 | 65535 | R/W |
| 2670 | DI36EV1TP | DI 36 event 1 type | *6 | 0 | 65535 | R/W |
| 2671 | DI13EV1JB1 | DI 13 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2672 | DI14EV1JB1 | DI 14 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2673 | DI15EV1JB1 | DI 15 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2674 | DI16EV1JB1 | DI 16 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2675 | DI17EV1JB1 | DI 17 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2676 | DI18EV1JB1 | DI 18 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2677 | DI19EV1JB1 | DI 19 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2678 | DI20EV1JB1 | DI 20 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2679 | DI21EV1JB1 | DI 21 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2680 | DI22EV1JB1 | DI 22 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2681 | DI23EV1JB1 | DI 23 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2682 | DI24EV1JB1 | DI 24 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2683 | DI25EV1JB1 | DI 25 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2684 | DI26EV1JB1 | DI 26 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2685 | DI27EV1JB1 | DI 27 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2686 | DI28EV1JB1 | DI 28 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2687 | DI29EV1JB1 | DI 29 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2688 | DI30EV1JB1 | DI 30 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2689 | DI31EV1JB1 | DI 31 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2690 | DI32EV1JB1 | DI 32 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2691 | DI33EV1JB1 | DI 33 event 1 job 1 | *6 | 0 | 65535 | R/W |

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|------|------------|-------------------------------|----|---|-------|-----|
| 2692 | DI34EV1JB1 | DI 34 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2693 | DI35EV1JB1 | DI 35 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2694 | DI36EV1JB1 | DI 36 event 1 job 1 | *6 | 0 | 65535 | R/W |
| 2695 | DI13EV1PM1 | DI 13 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2696 | DI14EV1PM1 | DI 14 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2697 | DI15EV1PM1 | DI 15 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2698 | DI16EV1PM1 | DI 16 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2699 | DI17EV1PM1 | DI 17 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2700 | DI18EV1PM1 | DI 18 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2701 | DI19EV1PM1 | DI 19 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2702 | DI20EV1PM1 | DI 20 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2703 | DI21EV1PM1 | DI 21 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2704 | DI22EV1PM1 | DI 22 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2705 | DI23EV1PM1 | DI 23 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2706 | DI24EV1PM1 | DI 24 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2707 | DI25EV1PM1 | DI 25 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2708 | DI26EV1PM1 | DI 26 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2709 | DI27EV1PM1 | DI 27 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2710 | DI28EV1PM1 | DI 28 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2711 | DI29EV1PM1 | DI 29 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2712 | DI30EV1PM1 | DI 30 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2713 | DI31EV1PM1 | DI 31 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2714 | DI32EV1PM1 | DI 32 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2715 | DI33EV1PM1 | DI 33 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2716 | DI34EV1PM1 | DI 34 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2717 | DI35EV1PM1 | DI 35 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2718 | DI36EV1PM1 | DI 36 event 1 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2719 | DI13EV1JB2 | DI 13 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2720 | DI14EV1JB2 | DI 14 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2721 | DI15EV1JB2 | DI 15 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2722 | DI16EV1JB2 | DI 16 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2723 | DI17EV1JB2 | DI 17 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2724 | DI18EV1JB2 | DI 18 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2725 | DI19EV1JB2 | DI 19 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2726 | DI20EV1JB2 | DI 20 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2727 | DI21EV1JB2 | DI 21 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2728 | DI22EV1JB2 | DI 22 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2729 | DI23EV1JB2 | DI 23 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2730 | DI24EV1JB2 | DI 24 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2731 | DI25EV1JB2 | DI 25 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2732 | DI26EV1JB2 | DI 26 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2733 | DI27EV1JB2 | DI 27 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2734 | DI28EV1JB2 | DI 28 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2735 | DI29EV1JB2 | DI 29 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2736 | DI30EV1JB2 | DI 30 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2737 | DI31EV1JB2 | DI 31 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2738 | DI32EV1JB2 | DI 32 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2739 | DI33EV1JB2 | DI 33 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2740 | DI34EV1JB2 | DI 34 event 1 job 2 | *6 | 0 | 65535 | R/W |

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|------|------------|-------------------------------|----|---|-------|-----|
| 2741 | DI35EV1JB2 | DI 35 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2742 | DI36EV1JB2 | DI 36 event 1 job 2 | *6 | 0 | 65535 | R/W |
| 2743 | DI13EV1PM2 | DI 13 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2744 | DI14EV1PM2 | DI 14 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2745 | DI15EV1PM2 | DI 15 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2746 | DI16EV1PM2 | DI 16 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2747 | DI17EV1PM2 | DI 17 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2748 | DI18EV1PM2 | DI 18 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2749 | DI19EV1PM2 | DI 19 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2750 | DI20EV1PM2 | DI 20 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2751 | DI21EV1PM2 | DI 21 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2752 | DI22EV1PM2 | DI 22 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2753 | DI23EV1PM2 | DI 23 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2754 | DI24EV1PM2 | DI 24 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2755 | DI25EV1PM2 | DI 25 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2756 | DI26EV1PM2 | DI 26 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2757 | DI27EV1PM2 | DI 27 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2758 | DI28EV1PM2 | DI 28 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2759 | DI29EV1PM2 | DI 29 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2760 | DI30EV1PM2 | DI 30 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2761 | DI31EV1PM2 | DI 31 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2762 | DI32EV1PM2 | DI 32 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2763 | DI33EV1PM2 | DI 33 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2764 | DI34EV1PM2 | DI 34 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2765 | DI35EV1PM2 | DI 35 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2766 | DI36EV1PM2 | DI 26 event 1 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2767 | DI13EV2TP | DI 13 event 2 type | *6 | 0 | 65535 | R/W |
| 2768 | DI14EV2TP | DI 14 event 2 type | *6 | 0 | 65535 | R/W |
| 2769 | DI15EV2TP | DI 15 event 2 type | *6 | 0 | 65535 | R/W |
| 2770 | DI16EV2TP | DI 16 event 2 type | *6 | 0 | 65535 | R/W |
| 2771 | DI17EV2TP | DI 17 event 2 type | *6 | 0 | 65535 | R/W |
| 2772 | DI18EV2TP | DI 18 event 2 type | *6 | 0 | 65535 | R/W |
| 2773 | DI19EV2TP | DI 19 event 2 type | *6 | 0 | 65535 | R/W |
| 2774 | DI20EV2TP | DI 20 event 2 type | *6 | 0 | 65535 | R/W |
| 2775 | DI21EV2TP | DI 21 event 2 type | *6 | 0 | 65535 | R/W |
| 2776 | DI22EV2TP | DI 22 event 2 type | *6 | 0 | 65535 | R/W |
| 2777 | DI23EV2TP | DI 23 event 2 type | *6 | 0 | 65535 | R/W |
| 2778 | DI24EV2TP | DI 24 event 2 type | *6 | 0 | 65535 | R/W |
| 2779 | DI25EV2TP | DI 25 event 2 type | *6 | 0 | 65535 | R/W |
| 2780 | DI26EV2TP | DI 26 event 2 type | *6 | 0 | 65535 | R/W |
| 2781 | DI27EV2TP | DI 27 event 2 type | *6 | 0 | 65535 | R/W |
| 2782 | DI28EV2TP | DI 28 event 2 type | *6 | 0 | 65535 | R/W |
| 2783 | DI29EV2TP | DI 29 event 2 type | *6 | 0 | 65535 | R/W |
| 2784 | DI30EV2TP | DI 30 event 2 type | *6 | 0 | 65535 | R/W |
| 2785 | DI31EV2TP | DI 31 event 2 type | *6 | 0 | 65535 | R/W |
| 2786 | DI32EV2TP | DI 32 event 2 type | *6 | 0 | 65535 | R/W |
| 2787 | DI33EV2TP | DI 33 event 2 type | *6 | 0 | 65535 | R/W |
| 2788 | DI34EV2TP | DI 34 event 2 type | *6 | 0 | 65535 | R/W |
| 2789 | DI35EV2TP | DI 35 event 2 type | *6 | 0 | 65535 | R/W |

| | | | | | | |
|------|------------|-------------------------------|----|---|-------|-----|
| 2790 | DI36EV2TP | DI 36 event 2 type | *6 | 0 | 65535 | R/W |
| 2791 | DI13EV2JB1 | DI 13 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2792 | DI14EV2JB1 | DI 14 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2793 | DI15EV2JB1 | DI 15 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2794 | DI16EV2JB1 | DI 16 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2795 | DI17EV2JB1 | DI 17 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2796 | DI18EV2JB1 | DI 18 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2797 | DI19EV2JB1 | DI 19 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2798 | DI20EV2JB1 | DI 20 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2799 | DI21EV2JB1 | DI 21 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2800 | DI22EV2JB1 | DI 22 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2801 | DI23EV2JB1 | DI 23 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2802 | DI24EV2JB1 | DI 24 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2803 | DI25EV2JB1 | DI 25 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2804 | DI26EV2JB1 | DI 26 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2805 | DI27EV2JB1 | DI 27 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2806 | DI28EV2JB1 | DI 28 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2807 | DI29EV2JB1 | DI 29 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2808 | DI30EV2JB1 | DI 30 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2809 | DI31EV2JB1 | DI 31 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2810 | DI32EV2JB1 | DI 32 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2811 | DI33EV2JB1 | DI 33 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2812 | DI34EV2JB1 | DI 34 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2813 | DI35EV2JB1 | DI 35 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2814 | DI36EV2JB1 | DI 36 event 2 job 1 | *6 | 0 | 65535 | R/W |
| 2815 | DI13EV2PM1 | DI 13 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2816 | DI14EV2PM1 | DI 14 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2817 | DI15EV2PM1 | DI 15 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2818 | DI16EV2PM1 | DI 16 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2819 | DI17EV2PM1 | DI 17 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2820 | DI18EV2PM1 | DI 18 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2821 | DI19EV2PM1 | DI 19 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2822 | DI20EV2PM1 | DI 20 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2823 | DI21EV2PM1 | DI 21 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2824 | DI22EV2PM1 | DI 22 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2825 | DI23EV2PM1 | DI 23 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2826 | DI24EV2PM1 | DI 24 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2827 | DI25EV2PM1 | DI 25 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2828 | DI26EV2PM1 | DI 26 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2829 | DI27EV2PM1 | DI 27 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2830 | DI28EV2PM1 | DI 28 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2831 | DI29EV2PM1 | DI 29 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2832 | DI30EV2PM1 | DI 30 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2833 | DI31EV2PM1 | DI 31 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2834 | DI32EV2PM1 | DI 32 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2835 | DI33EV2PM1 | DI 33 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2836 | DI34EV2PM1 | DI 34 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2837 | DI35EV2PM1 | DI 35 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |
| 2838 | DI36EV2PM1 | DI 36 event 2 job 1 parameter | *6 | 0 | 65535 | R/W |

| | | | | | | |
|------|------------|---|----|---|-------|-----|
| 2839 | DI13EV2JB2 | DI 13 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2840 | DI14EV2JB2 | DI 14 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2841 | DI15EV2JB2 | DI 15 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2842 | DI16EV2JB2 | DI 16 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2843 | DI17EV2JB2 | DI 17 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2844 | DI18EV2JB2 | DI 18 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2845 | DI19EV2JB2 | DI 19 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2846 | DI20EV2JB2 | DI 20 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2847 | DI21EV2JB2 | DI 21 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2848 | DI22EV2JB2 | DI 22 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2849 | DI23EV2JB2 | DI 23 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2850 | DI24EV2JB2 | DI 24 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2851 | DI25EV2JB2 | DI 25 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2852 | DI26EV2JB2 | DI 26 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2853 | DI27EV2JB2 | DI 27 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2854 | DI28EV2JB2 | DI 28 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2855 | DI29EV2JB2 | DI 29 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2856 | DI30EV2JB2 | DI 30 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2857 | DI31EV2JB2 | DI 31 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2858 | DI32EV2JB2 | DI 32 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2859 | DI33EV2JB2 | DI 33 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2860 | DI34EV2JB2 | DI 34 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2861 | DI35EV2JB2 | DI 35 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2862 | DI36EV2JB2 | DI 36 event 2 job 2 | *6 | 0 | 65535 | R/W |
| 2863 | DI13EV2PM2 | DI 13 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2864 | DI14EV2PM2 | DI 14 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2865 | DI15EV2PM2 | DI 15 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2866 | DI16EV2PM2 | DI 16 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2867 | DI17EV2PM2 | DI 17 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2868 | DI18EV2PM2 | DI 18 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2869 | DI19EV2PM2 | DI 19 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2870 | DI20EV2PM2 | DI 20 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2871 | DI21EV2PM2 | DI 21 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2872 | DI22EV2PM2 | DI 22 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2873 | DI23EV2PM2 | DI 23 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2874 | DI24EV2PM2 | DI 24 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2875 | DI25EV2PM2 | DI 25 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2876 | DI26EV2PM2 | DI 26 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2877 | DI27EV2PM2 | DI 27 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2878 | DI28EV2PM2 | DI 28 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2879 | DI29EV2PM2 | DI 29 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2880 | DI30EV2PM2 | DI 30 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2881 | DI31EV2PM2 | DI 31 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2882 | DI32EV2PM2 | DI 32 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2883 | DI33EV2PM2 | DI 33 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2884 | DI34EV2PM2 | DI 34 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2885 | DI35EV2PM2 | DI 35 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2886 | DI36EV2PM2 | DI 36 event 2 job 2 parameter | *6 | 0 | 65535 | R/W |
| 2887 | INDG1 | Instrument default gateway digital 1~2 *6 | | 0 | 65535 | R |

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|------|-----------|--|---------|--------|-----|
| 2888 | INDG2 | Instrument default gateway digital 3~4 *6 | 0 | 65535 | R |
| 2889 | INSMEN | Instrument summer time enable *6 | 0 | 65535 | R/W |
| 2890 | INSMMS | Instrument summer time start month *6 | 0 | 65535 | R/W |
| 2891 | INMSMD | Instrument summer time start day *6 | 0 | 65535 | R/W |
| 2892 | INSMEM | Instrument summer time end month *6 | 0 | 65535 | R/W |
| 2893 | INSMED | Instrument summer time end day *6 | 0 | 65535 | R/W |
| 2894 | INSTMT | Instrument set clock month *6 | 0 | 65535 | W |
| 2895 | INSTDY | Instrument set clock day *6 | 0 | 65535 | W |
| 2896 | INSTYR | Instrument set clock year *6 | 0 | 65535 | W |
| 2897 | INSTHR | Instrument set clock hour *6 | 0 | 65535 | W |
| 2898 | INSTMN | Instrument set clock minute *6 | 0 | 65535 | W |
| 2899 | INSTSD | Instrument set clock second *6 | 0 | 65535 | W |
| 2900 | AI1RL | AI1 range low *6 | -1999.9 | 4553.6 | R/W |
| 2901 | AI2RL | AI2 range low *6 | -1999.9 | 4553.6 | R/W |
| 2902 | AI3RL | AI3 range low *6 | -1999.9 | 4553.6 | R/W |
| 2903 | AI4RL | AI4 range low *6 | -1999.9 | 4553.6 | R/W |
| 2904 | AI5RL | AI5 range low *6 | -1999.9 | 4553.6 | R/W |
| 2905 | AI6RL | AI6 range low *6 | -1999.9 | 4553.6 | R/W |
| 2906 | AI7RL | AI7 range low *6 | -1999.9 | 4553.6 | R/W |
| 2907 | AI8RL | AI8 range low *6 | -1999.9 | 4553.6 | R/W |
| 2908 | AI9RL | AI9 range low *6 | -1999.9 | 4553.6 | R/W |
| 2909 | AI10RL | AI10 range low *6 | -1999.9 | 4553.6 | R/W |
| 2910 | AI11RL | AI11 range low *6 | -1999.9 | 4553.6 | R/W |
| 2911 | AI12RL | AI12 range low *6 | -1999.9 | 4553.6 | R/W |
| 2912 | AI13RL | AI13 range low *6 | -1999.9 | 4553.6 | R/W |
| 2913 | AI14RL | AI14 range low *6 | -1999.9 | 4553.6 | R/W |
| 2914 | AI15RL | AI15 range low *6 | -1999.9 | 4553.6 | R/W |
| 2915 | AI16RL | AI16 range low *6 | -1999.9 | 4553.6 | R/W |
| 2916 | AI17RL | AI17 range low *6 | -1999.9 | 4553.6 | R/W |
| 2917 | AI18RL | AI18 range low *6 | -1999.9 | 4553.6 | R/W |
| 2918 | AI1RH | AI1 range high *6 | -1999.9 | 4553.6 | R/W |
| 2919 | AI2RH | AI2 range high *6 | -1999.9 | 4553.6 | R/W |
| 2920 | AI3RH | AI3 range high *6 | -1999.9 | 4553.6 | R/W |
| 2921 | AI4RH | AI4 range high *6 | -1999.9 | 4553.6 | R/W |
| 2922 | AI5RH | AI5 range high *6 | -1999.9 | 4553.6 | R/W |
| 2923 | AI6RH | AI6 range high *6 | -1999.9 | 4553.6 | R/W |
| 2924 | AI7RH | AI7 range high *6 | -1999.9 | 4553.6 | R/W |
| 2925 | AI8RH | AI8 range high *6 | -1999.9 | 4553.6 | R/W |
| 2926 | AI9RH | AI9 range high *6 | -1999.9 | 4553.6 | R/W |
| 2927 | AI10RH | AI10 range high *6 | -1999.9 | 4553.6 | R/W |
| 2928 | AI11RH | AI11 range high *6 | -1999.9 | 4553.6 | R/W |
| 2929 | AI12RH | AI12 range high *6 | -1999.9 | 4553.6 | R/W |
| 2930 | AI13RH | AI13 range high *6 | -1999.9 | 4553.6 | R/W |
| 2931 | AI14RH | AI14 range high *6 | -1999.9 | 4553.6 | R/W |
| 2932 | AI15RH | AI15 range high *6 | -1999.9 | 4553.6 | R/W |
| 2933 | AI16RH | AI16 range high *6 | -1999.9 | 4553.6 | R/W |
| 2934 | AI17RH | AI17 range high *6 | -1999.9 | 4553.6 | R/W |
| 2935 | AI18RH | AI18 range high *6 | -1999.9 | 4553.6 | R/W |
| 2936 | TZ1EV1SPH | Totalizer 1 event 1 set point high word *7 | *4 | *4 | R/W |

| | | | | | | |
|------|-----------|---|----|----|-------|-----|
| 2937 | TZ1EV1SPL | Totalizer 1 event 1 set point low word | *7 | *4 | *4 | R/W |
| 2938 | TZ2EV1SPH | Totalizer 2 event 1 set point high word | *7 | *4 | *4 | R/W |
| 2939 | TZ2EV1SPL | Totalizer 2 event 1 set point low word | *7 | *4 | *4 | R/W |
| 2940 | TZ3EV1SPH | Totalizer 3 event 1 set point high word | *7 | *4 | *4 | R/W |
| 2941 | TZ3EV1SPL | Totalizer 3 event 1 set point low word | *7 | *4 | *4 | R/W |
| 2942 | TZ4EV1SPH | Totalizer 4 event 1 set point high word | *7 | *4 | *4 | R/W |
| 2943 | TZ4EV1SPL | Totalizer 4 event 1 set point low word | *7 | *4 | *4 | R/W |
| 2944 | TZ5EV1SPH | Totalizer 5 event 1 set point high word | *7 | *4 | *4 | R/W |
| 2945 | TZ5EV1SPL | Totalizer 5 event 1 set point low word | *7 | *4 | *4 | R/W |
| 2946 | TZ6EV1SPH | Totalizer 6 event 1 set point high word | *7 | *4 | *4 | R/W |
| 2947 | TZ6EV1SPL | Totalizer 6 event 1 set point low word | *7 | *4 | *4 | R/W |
| 2948 | TZ1EV2SPH | Totalizer 1 event 2 set point high word | *7 | *4 | *4 | R/W |
| 2949 | TZ1EV2SPL | Totalizer 1 event 2 set point low word | *7 | *4 | *4 | R/W |
| 2950 | TZ2EV2SPH | Totalizer 2 event 2 set point high word | *7 | *4 | *4 | R/W |
| 2951 | TZ2EV2SPL | Totalizer 2 event 2 set point low word | *7 | *4 | *4 | R/W |
| 2952 | TZ3EV2SPH | Totalizer 3 event 2 set point high word | *7 | *4 | *4 | R/W |
| 2953 | TZ3EV2SPL | Totalizer 3 event 2 set point low word | *7 | *4 | *4 | R/W |
| 2954 | TZ4EV2SPH | Totalizer 4 event 2 set point high word | *7 | *4 | *4 | R/W |
| 2955 | TZ4EV2SPL | Totalizer 4 event 2 set point low word | *7 | *4 | *4 | R/W |
| 2956 | TZ5EV2SPH | Totalizer 5 event 2 set point high word | *7 | *4 | *4 | R/W |
| 2957 | TZ5EV2SPL | Totalizer 5 event 2 set point low word | *7 | *4 | *4 | R/W |
| 2958 | TZ6EV2SPH | Totalizer 6 event 2 set point high word | *7 | *4 | *4 | R/W |
| 2959 | TZ6EV2SPL | Totalizer 6 event 2 set point low word | *7 | *4 | *4 | R/W |
| 2960 | SC1UR1 | Security 1 user ID char 1-2 | *8 | 0 | 65535 | R/W |
| 2961 | SC1UR2 | Security 1 user ID char 3-4 | *8 | 0 | 65535 | R/W |
| 2962 | SC1UR3 | Security 1 user ID char 5-6 | *8 | 0 | 65535 | R/W |
| 2963 | SC1UR4 | Security 1 user ID char 7-8 | *8 | 0 | 65535 | R/W |
| 2964 | SC2UR1 | Security 2 user ID char 1-2 | *8 | 0 | 65535 | R/W |
| 2965 | SC2UR2 | Security 2 user ID char 3-4 | *8 | 0 | 65535 | R/W |
| 2966 | SC2UR3 | Security 2 user ID char 5-6 | *8 | 0 | 65535 | R/W |
| 2967 | SC2UR4 | Security 2 user ID char 7-8 | *8 | 0 | 65535 | R/W |
| 2968 | SC3UR1 | Security 3 user ID char 1-2 | *8 | 0 | 65535 | R/W |
| 2969 | SC3UR2 | Security 3 user ID char 3-4 | *8 | 0 | 65535 | R/W |
| 2970 | SC3UR3 | Security 3 user ID char 5-6 | *8 | 0 | 65535 | R/W |
| 2971 | SC3UR4 | Security 3 user ID char 7-8 | *8 | 0 | 65535 | R/W |
| 2972 | SC4UR1 | Security 4 user ID char 1-2 | *8 | 0 | 65535 | R/W |
| 2973 | SC4UR2 | Security 4 user ID char 3-4 | *8 | 0 | 65535 | R/W |
| 2974 | SC4UR3 | Security 4 user ID char 5-6 | *8 | 0 | 65535 | R/W |
| 2975 | SC4UR4 | Security 4 user ID char 7-8 | *8 | 0 | 65535 | R/W |
| 2976 | SC5UR1 | Security 5 user ID char 1-2 | *8 | 0 | 65535 | R/W |
| 2977 | SC5UR2 | Security 5 user ID char 3-4 | *8 | 0 | 65535 | R/W |
| 2978 | SC5UR3 | Security 5 user ID char 5-6 | *8 | 0 | 65535 | R/W |
| 2979 | SC5UR4 | Security 5 user ID char 7-8 | *8 | 0 | 65535 | R/W |
| 2980 | SC6UR1 | Security 6 user ID char 1-2 | *8 | 0 | 65535 | R/W |
| 2981 | SC6UR2 | Security 6 user ID char 3-4 | *8 | 0 | 65535 | R/W |
| 2982 | SC6UR3 | Security 6 user ID char 5-6 | *8 | 0 | 65535 | R/W |
| 2983 | SC6UR4 | Security 6 user ID char 7-8 | *8 | 0 | 65535 | R/W |
| 2984 | SC7UR1 | Security 7 user ID char 1-2 | *8 | 0 | 65535 | R/W |
| 2985 | SC7UR2 | Security 7 user ID char 3-4 | *8 | 0 | 65535 | R/W |

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|------|---------|------------------------------|----|---|-------|-----|
| 2986 | SC7UR3 | Security 7 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 2987 | SC7UR4 | Security 7 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 2988 | SC8UR1 | Security 8 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 2989 | SC8UR2 | Security 8 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 2990 | SC8UR3 | Security 8 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 2991 | SC8UR4 | Security 8 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 2992 | SC9UR1 | Security 9 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 2993 | SC9UR2 | Security 9 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 2994 | SC9UR3 | Security 9 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 2995 | SC9UR4 | Security 9 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 2996 | SC10UR1 | Security 10 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 2997 | SC10UR2 | Security 10 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 2998 | SC10UR3 | Security 10 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 2999 | SC10UR4 | Security 10 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3000 | SC11UR1 | Security 11 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3001 | SC11UR2 | Security 11 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3002 | SC11UR3 | Security 11 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3003 | SC11UR4 | Security 11 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3004 | SC12UR1 | Security 12 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3005 | SC12UR2 | Security 12 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3006 | SC12UR3 | Security 12 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3007 | SC12UR4 | Security 12 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3008 | SC13UR1 | Security 13 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3009 | SC13UR2 | Security 13 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3010 | SC13UR3 | Security 13 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3011 | SC13UR4 | Security 13 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3012 | SC14UR1 | Security 14 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3013 | SC14UR2 | Security 14 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3014 | SC14UR3 | Security 14 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3015 | SC14UR4 | Security 14 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3016 | SC15UR1 | Security 15 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3017 | SC15UR2 | Security 15 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3018 | SC15UR3 | Security 15 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3019 | SC15UR4 | Security 15 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3020 | SC16UR1 | Security 16 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3021 | SC16UR2 | Security 16 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3022 | SC16UR3 | Security 16 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3023 | SC16UR4 | Security 16 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3024 | SC17UR1 | Security 17 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3025 | SC17UR2 | Security 17 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3026 | SC17UR3 | Security 17 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3027 | SC17UR4 | Security 17 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3028 | SC18UR1 | Security 18 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3029 | SC18UR2 | Security 18 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3030 | SC18UR3 | Security 18 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3031 | SC18UR4 | Security 18 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3032 | SC19UR1 | Security 19 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3033 | SC19UR2 | Security 19 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3034 | SC19UR3 | Security 19 user ID char 5~6 | *8 | 0 | 65535 | R/W |

| | | | | | | |
|------|---------|------------------------------|----|---|-------|-----|
| 3035 | SC19UR4 | Security 19 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3036 | SC20UR1 | Security 20 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3037 | SC20UR2 | Security 20 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3038 | SC20UR3 | Security 20 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3039 | SC20UR4 | Security 20 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3040 | SC21UR1 | Security 21 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3041 | SC21UR2 | Security 21 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3042 | SC21UR3 | Security 21 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3043 | SC21UR4 | Security 21 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3044 | SC22UR1 | Security 22 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3045 | SC22UR2 | Security 22 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3046 | SC22UR3 | Security 22 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3047 | SC22UR4 | Security 22 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3048 | SC23UR1 | Security 23 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3049 | SC23UR2 | Security 23 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3050 | SC23UR3 | Security 23 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3051 | SC23UR4 | Security 23 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3052 | SC24UR1 | Security 24 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3053 | SC24UR2 | Security 24 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3054 | SC24UR3 | Security 24 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3055 | SC24UR4 | Security 24 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3056 | SC25UR1 | Security 25 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3057 | SC25UR2 | Security 25 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3058 | SC25UR3 | Security 25 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3059 | SC25UR4 | Security 25 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3060 | SC26UR1 | Security 26 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3061 | SC26UR2 | Security 26 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3062 | SC26UR3 | Security 26 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3063 | SC26UR4 | Security 26 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3064 | SC27UR1 | Security 27 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3065 | SC27UR2 | Security 27 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3066 | SC27UR3 | Security 27 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3067 | SC27UR4 | Security 27 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3068 | SC28UR1 | Security 28 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3069 | SC28UR2 | Security 28 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3070 | SC28UR3 | Security 28 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3071 | SC28UR4 | Security 28 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3072 | SC29UR1 | Security 29 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3073 | SC29UR2 | Security 29 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3074 | SC29UR3 | Security 29 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3075 | SC29UR4 | Security 29 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3076 | SC30UR1 | Security 30 user ID char 1~2 | *8 | 0 | 65535 | R/W |
| 3077 | SC30UR2 | Security 30 user ID char 3~4 | *8 | 0 | 65535 | R/W |
| 3078 | SC30UR3 | Security 30 user ID char 5~6 | *8 | 0 | 65535 | R/W |
| 3079 | SC30UR4 | Security 30 user ID char 7~8 | *8 | 0 | 65535 | R/W |
| 3080 | SC1PW1 | Security 1 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3081 | SC1PW2 | Security 1 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3082 | SC1PW3 | Security 1 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3083 | SC1PW4 | Security 1 Password char 7~8 | *8 | 0 | 65535 | R/W |

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|------|---------|-------------------------------|----|---|-------|-----|
| 3084 | SC2PW1 | Security 2 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3085 | SC2PW2 | Security 2 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3086 | SC2PW3 | Security 2 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3087 | SC2PW4 | Security 2 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3088 | SC3PW1 | Security 3 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3089 | SC3PW2 | Security 3 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3090 | SC3PW3 | Security 3 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3091 | SC3PW4 | Security 3 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3092 | SC4PW1 | Security 4 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3093 | SC4PW2 | Security 4 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3094 | SC4PW3 | Security 4 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3095 | SC4PW4 | Security 4 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3096 | SC5PW1 | Security 5 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3097 | SC5PW2 | Security 5 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3098 | SC5PW3 | Security 5 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3099 | SC5PW4 | Security 5 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3100 | SC6PW1 | Security 6 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3101 | SC6PW2 | Security 6 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3102 | SC6PW3 | Security 6 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3103 | SC6PW4 | Security 6 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3104 | SC7PW1 | Security 7 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3105 | SC7PW2 | Security 7 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3106 | SC7PW3 | Security 7 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3107 | SC7PW4 | Security 7 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3108 | SC8PW1 | Security 8 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3109 | SC8PW2 | Security 8 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3110 | SC8PW3 | Security 8 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3111 | SC8PW4 | Security 8 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3112 | SC9PW1 | Security 9 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3113 | SC9PW2 | Security 9 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3114 | SC9PW3 | Security 9 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3115 | SC9PW4 | Security 9 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3116 | SC10PW1 | Security 10 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3117 | SC10PW2 | Security 10 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3118 | SC10PW3 | Security 10 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3119 | SC10PW4 | Security 10 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3120 | SC11PW1 | Security 11 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3121 | SC11PW2 | Security 11 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3122 | SC11PW3 | Security 11 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3123 | SC11PW4 | Security 11 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3124 | SC12PW1 | Security 12 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3125 | SC12PW2 | Security 12 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3126 | SC12PW3 | Security 12 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3127 | SC12PW4 | Security 12 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3128 | SC13PW1 | Security 13 Password char 1-2 | *8 | 0 | 65535 | R/W |
| 3129 | SC13PW2 | Security 13 Password char 3-4 | *8 | 0 | 65535 | R/W |
| 3130 | SC13PW3 | Security 13 Password char 5-6 | *8 | 0 | 65535 | R/W |
| 3131 | SC13PW4 | Security 13 Password char 7-8 | *8 | 0 | 65535 | R/W |
| 3132 | SC14PW1 | Security 14 Password char 1-2 | *8 | 0 | 65535 | R/W |

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|------|---------|-------------------------------|----|---|-------|-----|
| 3133 | SC14PW2 | Security 14 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3134 | SC14PW3 | Security 14 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3135 | SC14PW4 | Security 14 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3136 | SC15PW1 | Security 15 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3137 | SC15PW2 | Security 15 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3138 | SC15PW3 | Security 15 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3139 | SC15PW4 | Security 15 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3140 | SC16PW1 | Security 16 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3141 | SC16PW2 | Security 16 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3142 | SC16PW3 | Security 16 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3143 | SC16PW4 | Security 16 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3144 | SC17PW1 | Security 17 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3145 | SC17PW2 | Security 17 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3146 | SC17PW3 | Security 17 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3147 | SC17PW4 | Security 17 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3148 | SC18PW1 | Security 18 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3149 | SC18PW2 | Security 18 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3150 | SC18PW3 | Security 18 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3151 | SC18PW4 | Security 18 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3152 | SC19PW1 | Security 19 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3153 | SC19PW2 | Security 19 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3154 | SC19PW3 | Security 19 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3155 | SC19PW4 | Security 19 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3156 | SC20PW1 | Security 20 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3157 | SC20PW2 | Security 20 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3158 | SC20PW3 | Security 20 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3159 | SC20PW4 | Security 20 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3160 | SC21PW1 | Security 21 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3161 | SC21PW2 | Security 21 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3162 | SC21PW3 | Security 21 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3163 | SC21PW4 | Security 21 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3164 | SC22PW1 | Security 22 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3165 | SC22PW2 | Security 22 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3166 | SC22PW3 | Security 22 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3167 | SC22PW4 | Security 22 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3168 | SC23PW1 | Security 23 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3169 | SC23PW2 | Security 23 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3170 | SC23PW3 | Security 23 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3171 | SC23PW4 | Security 23 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3172 | SC24PW1 | Security 24 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3173 | SC24PW2 | Security 24 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3174 | SC24PW3 | Security 24 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3175 | SC24PW4 | Security 24 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3176 | SC25PW1 | Security 25 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3177 | SC25PW2 | Security 25 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3178 | SC25PW3 | Security 25 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3179 | SC25PW4 | Security 25 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3180 | SC26PW1 | Security 26 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3181 | SC26PW2 | Security 26 Password har 3~4 | *8 | 0 | 65535 | R/W |

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|------|---------|-------------------------------|----|---|-------|-----|
| 3182 | SC26PW3 | Security 26 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3183 | SC26PW4 | Security 26 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3184 | SC27PW1 | Security 27 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3185 | SC27PW2 | Security 27 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3186 | SC27PW3 | Security 27 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3187 | SC27PW4 | Security 27 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3188 | SC28PW1 | Security 28 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3189 | SC28PW2 | Security 28 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3190 | SC28PW3 | Security 28 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3191 | SC28PW4 | Security 28 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3192 | SC29PW1 | Security 29 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3193 | SC29PW2 | Security 29 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3194 | SC29PW3 | Security 29 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3195 | SC29PW4 | Security 29 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3196 | SC30PW1 | Security 30 Password char 1~2 | *8 | 0 | 65535 | R/W |
| 3197 | SC30PW2 | Security 30 Password char 3~4 | *8 | 0 | 65535 | R/W |
| 3198 | SC30PW3 | Security 30 Password char 5~6 | *8 | 0 | 65535 | R/W |
| 3199 | SC30PW4 | Security 30 Password char 7~8 | *8 | 0 | 65535 | R/W |
| 3200 | SC1LV | Security 1 level | *8 | 0 | 65535 | R/W |
| 3201 | SC2LV | Security 2 level | *8 | 0 | 65535 | R/W |
| 3202 | SC3LV | Security 3 level | *8 | 0 | 65535 | R/W |
| 3203 | SC4LV | Security 4 level | *8 | 0 | 65535 | R/W |
| 3204 | SC5LV | Security 5 level | *8 | 0 | 65535 | R/W |
| 3205 | SC6LV | Security 6 level | *8 | 0 | 65535 | R/W |
| 3206 | SC7LV | Security 7 level | *8 | 0 | 65535 | R/W |
| 3207 | SC8LV | Security 8 level | *8 | 0 | 65535 | R/W |
| 3208 | SC9LV | Security 9 level | *8 | 0 | 65535 | R/W |
| 3209 | SC10LV | Security 10 level | *8 | 0 | 65535 | R/W |
| 3210 | SC11LV | Security 11 level | *8 | 0 | 65535 | R/W |
| 3211 | SC12LV | Security 12 level | *8 | 0 | 65535 | R/W |
| 3212 | SC13LV | Security 13 level | *8 | 0 | 65535 | R/W |
| 3213 | SC14LV | Security 14 level | *8 | 0 | 65535 | R/W |
| 3214 | SC15LV | Security 15 level | *8 | 0 | 65535 | R/W |
| 3215 | SC16LV | Security 16 level | *8 | 0 | 65535 | R/W |
| 3216 | SC17LV | Security 17 level | *8 | 0 | 65535 | R/W |
| 3217 | SC18LV | Security 18 level | *8 | 0 | 65535 | R/W |
| 3218 | SC19LV | Security 19 level | *8 | 0 | 65535 | R/W |
| 3219 | SC20LV | Security 20 level | *8 | 0 | 65535 | R/W |
| 3220 | SC21LV | Security 21 level | *8 | 0 | 65535 | R/W |
| 3221 | SC22LV | Security 22 level | *8 | 0 | 65535 | R/W |
| 3222 | SC23LV | Security 23 level | *8 | 0 | 65535 | R/W |
| 3223 | SC24LV | Security 24 level | *8 | 0 | 65535 | R/W |
| 3224 | SC25LV | Security 25 level | *8 | 0 | 65535 | R/W |
| 3225 | SC26LV | Security 26 level | *8 | 0 | 65535 | R/W |
| 3226 | SC27LV | Security 27 level | *8 | 0 | 65535 | R/W |
| 3227 | SC28LV | Security 28 level | *8 | 0 | 65535 | R/W |
| 3228 | SC29LV | Security 29 level | *8 | 0 | 65535 | R/W |
| 3229 | SC30LV | Security 30 level | *8 | 0 | 65535 | R/W |
| 3230 | LOGUR1 | Log user ID char 1~2 | *9 | 0 | 65535 | R/W |

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|------|---------|----------------------------|----|---|-------|-----|
| 3231 | LOGUR2 | Log user ID char 3~4 | *9 | 0 | 65535 | R/W |
| 3232 | LOGUR3 | Log user ID char 5~6 | *9 | 0 | 65535 | R/W |
| 3233 | LOGUR4 | Log user ID char 7~8 | *9 | 0 | 65535 | R/W |
| 3234 | LOGPW1 | Log Password char 1~2 | *9 | 0 | 65535 | R/W |
| 3235 | LOGPW2 | Log Password char 3~4 | *9 | 0 | 65535 | R/W |
| 3236 | LOGPW3 | Log Password char 5~6 | *9 | 0 | 65535 | R/W |
| 3237 | LOGPW4 | Log Password char 7~8 | *9 | 0 | 65535 | R/W |
| 3238 | LOGST | Log status | *9 | 0 | 65535 | R/W |
| 3239 | LOGRES | Log response | *9 | 0 | 65535 | R/W |
| 3240 | TZ7NA1 | Totalizer 7 name char 1~2 | | 0 | 65535 | R/W |
| 3241 | TZ7NA2 | Totalizer 7 name char 3~4 | | 0 | 65535 | R/W |
| 3242 | TZ7NA3 | Totalizer 7 name char 5~6 | | 0 | 65535 | R/W |
| 3243 | TZ8NA1 | Totalizer 8 name char 1~2 | | 0 | 65535 | R/W |
| 3244 | TZ8NA2 | Totalizer 8 name char 3~4 | | 0 | 65535 | R/W |
| 3245 | TZ8NA3 | Totalizer 8 name char 5~6 | | 0 | 65535 | R/W |
| 3246 | TZ9NA1 | Totalizer 9 name char 1~2 | | 0 | 65535 | R/W |
| 3247 | TZ9NA2 | Totalizer 9 name char 3~4 | | 0 | 65535 | R/W |
| 3248 | TZ9NA3 | Totalizer 9 name char 5~6 | | 0 | 65535 | R/W |
| 3249 | TZ10NA1 | Totalizer 10 name char 1~2 | | 0 | 65535 | R/W |
| 3250 | TZ10NA2 | Totalizer 10 name char 3~4 | | 0 | 65535 | R/W |
| 3251 | TZ10NA3 | Totalizer 10 name char 5~6 | | 0 | 65535 | R/W |
| 3252 | TZ11NA1 | Totalizer 11 name char 1~2 | | 0 | 65535 | R/W |
| 3253 | TZ11NA2 | Totalizer 11 name char 3~4 | | 0 | 65535 | R/W |
| 3254 | TZ11NA3 | Totalizer 11 name char 5~6 | | 0 | 65535 | R/W |
| 3255 | TZ12NA1 | Totalizer 12 name char 1~2 | | 0 | 65535 | R/W |
| 3256 | TZ12NA2 | Totalizer 12 name char 3~4 | | 0 | 65535 | R/W |
| 3257 | TZ12NA3 | Totalizer 12 name char 5~6 | | 0 | 65535 | R/W |
| 3258 | TZ13NA1 | Totalizer 13 name char 1~2 | | 0 | 65535 | R/W |
| 3259 | TZ13NA2 | Totalizer 13 name char 3~4 | | 0 | 65535 | R/W |
| 3260 | TZ13NA3 | Totalizer 13 name char 5~6 | | 0 | 65535 | R/W |
| 3261 | TZ14NA1 | Totalizer 14 name char 1~2 | | 0 | 65535 | R/W |
| 3262 | TZ14NA2 | Totalizer 14 name char 3~4 | | 0 | 65535 | R/W |
| 3263 | TZ14NA3 | Totalizer 14 name char 5~6 | | 0 | 65535 | R/W |
| 3264 | TZ15NA1 | Totalizer 15 name char 1~2 | | 0 | 65535 | R/W |
| 3265 | TZ15NA2 | Totalizer 15 name char 3~4 | | 0 | 65535 | R/W |
| 3266 | TZ15NA3 | Totalizer 15 name char 5~6 | | 0 | 65535 | R/W |
| 3267 | TZ16NA1 | Totalizer 16 name char 1~2 | | 0 | 65535 | R/W |
| 3268 | TZ16NA2 | Totalizer 16 name char 3~4 | | 0 | 65535 | R/W |
| 3269 | TZ16NA3 | Totalizer 16 name char 5~6 | | 0 | 65535 | R/W |
| 3270 | TZ17NA1 | Totalizer 17 name char 1~2 | | 0 | 65535 | R/W |
| 3271 | TZ17NA2 | Totalizer 17 name char 3~4 | | 0 | 65535 | R/W |
| 3272 | TZ17NA3 | Totalizer 17 name char 5~6 | | 0 | 65535 | R/W |
| 3273 | TZ18NA1 | Totalizer 18 name char 1~2 | | 0 | 65535 | R/W |
| 3274 | TZ18NA2 | Totalizer 18 name char 3~4 | | 0 | 65535 | R/W |
| 3275 | TZ18NA3 | Totalizer 18 name char 5~6 | | 0 | 65535 | R/W |
| 3276 | TZ7SR | Totalizer 7 source | | 0 | 65535 | R/W |
| 3277 | TZ8SR | Totalizer 8 source | | 0 | 65535 | R/W |
| 3278 | TZ9SR | Totalizer 9 source | | 0 | 65535 | R/W |
| 3279 | TZ10SR | Totalizer 10 source | | 0 | 65535 | R/W |

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|------|--------|----------------------------|---|-------|-----|
| 3280 | TZ11SR | Totalizer 11 source | 0 | 65535 | R/W |
| 3281 | TZ12SR | Totalizer 12 source | 0 | 65535 | R/W |
| 3282 | TZ13SR | Totalizer 13 source | 0 | 65535 | R/W |
| 3283 | TZ14SR | Totalizer 14 source | 0 | 65535 | R/W |
| 3284 | TZ15SR | Totalizer 15 source | 0 | 65535 | R/W |
| 3285 | TZ16SR | Totalizer 16 source | 0 | 65535 | R/W |
| 3286 | TZ17SR | Totalizer 17 source | 0 | 65535 | R/W |
| 3287 | TZ18SR | Totalizer 18 source | 0 | 65535 | R/W |
| 3288 | TZ7AC | Totalizer 7 action | 0 | 65535 | R/W |
| 3289 | TZ8AC | Totalizer 8 action | 0 | 65535 | R/W |
| 3290 | TZ9AC | Totalizer 9 action | 0 | 65535 | R/W |
| 3291 | TZ10AC | Totalizer 10 action | 0 | 65535 | R/W |
| 3292 | TZ11AC | Totalizer 11 action | 0 | 65535 | R/W |
| 3293 | TZ12AC | Totalizer 12 action | 0 | 65535 | R/W |
| 3294 | TZ13AC | Totalizer 13 action | 0 | 65535 | R/W |
| 3295 | TZ14AC | Totalizer 14 action | 0 | 65535 | R/W |
| 3296 | TZ15AC | Totalizer 15 action | 0 | 65535 | R/W |
| 3297 | TZ16AC | Totalizer 16 action | 0 | 65535 | R/W |
| 3298 | TZ17AC | Totalizer 17 action | 0 | 65535 | R/W |
| 3299 | TZ18AC | Totalizer 18 action | 0 | 65535 | R/W |
| 3300 | TZ7DP | Totalizer 7 decimal point | 0 | 65535 | R/W |
| 3301 | TZ8DP | Totalizer 8 decimal point | 0 | 65535 | R/W |
| 3302 | TZ9DP | Totalizer 9 decimal point | 0 | 65535 | R/W |
| 3303 | TZ10DP | Totalizer 10 decimal point | 0 | 65535 | R/W |
| 3304 | TZ11DP | Totalizer 11 decimal point | 0 | 65535 | R/W |
| 3305 | TZ12DP | Totalizer 12 decimal point | 0 | 65535 | R/W |
| 3306 | TZ13DP | Totalizer 13 decimal point | 0 | 65535 | R/W |
| 3307 | TZ14DP | Totalizer 14 decimal point | 0 | 65535 | R/W |
| 3308 | TZ15DP | Totalizer 15 decimal point | 0 | 65535 | R/W |
| 3309 | TZ16DP | Totalizer 16 decimal point | 0 | 65535 | R/W |
| 3310 | TZ17DP | Totalizer 17 decimal point | 0 | 65535 | R/W |
| 3311 | TZ18DP | Totalizer 18 decimal point | 0 | 65535 | R/W |
| 3312 | TZ7PI | Totalizer 7 period | 0 | 65535 | R/W |
| 3313 | TZ8PI | Totalizer 8 period | 0 | 65535 | R/W |
| 3314 | TZ9PI | Totalizer 9 period | 0 | 65535 | R/W |
| 3315 | TZ10PI | Totalizer 10 period | 0 | 65535 | R/W |
| 3316 | TZ11PI | Totalizer 11 period | 0 | 65535 | R/W |
| 3317 | TZ12PI | Totalizer 12 period | 0 | 65535 | R/W |
| 3318 | TZ13PI | Totalizer 13 period | 0 | 65535 | R/W |
| 3319 | TZ14PI | Totalizer 14 period | 0 | 65535 | R/W |
| 3320 | TZ15PI | Totalizer 15 period | 0 | 65535 | R/W |
| 3321 | TZ16PI | Totalizer 16 period | 0 | 65535 | R/W |
| 3322 | TZ17PI | Totalizer 17 period | 0 | 65535 | R/W |
| 3323 | TZ18PI | Totalizer 18 period | 0 | 65535 | R/W |
| 3324 | TZ7UN1 | Totalizer 7 unit char 1-2 | 0 | 65535 | R/W |
| 3325 | TZ7UN2 | Totalizer 7 unit char 3-4 | 0 | 65535 | R/W |
| 3326 | TZ7UN3 | Totalizer 7 unit char 5-6 | 0 | 65535 | R/W |
| 3327 | TZ8UN1 | Totalizer 8 unit char 1-2 | 0 | 65535 | R/W |
| 3328 | TZ8UN2 | Totalizer 8 unit char 3-4 | 0 | 65535 | R/W |

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|------|---------|------------------------------|----|-------|-----|
| 3329 | TZ8UN3 | Totalizer 8 unit char 5~6 | 0 | 65535 | R/W |
| 3330 | TZ9UN1 | Totalizer 9 unit char 1~2 | 0 | 65535 | R/W |
| 3331 | TZ9UN2 | Totalizer 9 unit char 3~4 | 0 | 65535 | R/W |
| 3332 | TZ9UN3 | Totalizer 9 unit char 5~6 | 0 | 65535 | R/W |
| 3333 | TZ10UN1 | Totalizer 10 unit char 1~2 | 0 | 65535 | R/W |
| 3334 | TZ10UN2 | Totalizer 10 unit char 3~4 | 0 | 65535 | R/W |
| 3335 | TZ10UN3 | Totalizer 10 unit char 5~6 | 0 | 65535 | R/W |
| 3336 | TZ11UN1 | Totalizer 11 unit char 1~2 | 0 | 65535 | R/W |
| 3337 | TZ11UN2 | Totalizer 11 unit char 3~4 | 0 | 65535 | R/W |
| 3338 | TZ11UN3 | Totalizer 11 unit char 5~6 | 0 | 65535 | R/W |
| 3339 | TZ12UN1 | Totalizer 12 unit char 1~2 | 0 | 65535 | R/W |
| 3340 | TZ12UN2 | Totalizer 12 unit char 3~4 | 0 | 65535 | R/W |
| 3341 | TZ12UN3 | Totalizer 12 unit char 5~6 | 0 | 65535 | R/W |
| 3342 | TZ13UN1 | Totalizer 13 unit char 1~2 | 0 | 65535 | R/W |
| 3343 | TZ13UN2 | Totalizer 13 unit char 3~4 | 0 | 65535 | R/W |
| 3344 | TZ13UN3 | Totalizer 13 unit char 5~6 | 0 | 65535 | R/W |
| 3345 | TZ14UN1 | Totalizer 14 unit char 1~2 | 0 | 65535 | R/W |
| 3346 | TZ14UN2 | Totalizer 14 unit char 3~4 | 0 | 65535 | R/W |
| 3347 | TZ14UN3 | Totalizer 14 unit char 5~6 | 0 | 65535 | R/W |
| 3348 | TZ15UN1 | Totalizer 15 unit char 1~2 | 0 | 65535 | R/W |
| 3349 | TZ15UN2 | Totalizer 15 unit char 3~4 | 0 | 65535 | R/W |
| 3350 | TZ15UN3 | Totalizer 15 unit char 5~6 | 0 | 65535 | R/W |
| 3351 | TZ16UN1 | Totalizer 16 unit char 1~2 | 0 | 65535 | R/W |
| 3352 | TZ16UN2 | Totalizer 16 unit char 3~4 | 0 | 65535 | R/W |
| 3353 | TZ16UN3 | Totalizer 16 unit char 5~6 | 0 | 65535 | R/W |
| 3354 | TZ17UN1 | Totalizer 17 unit char 1~2 | 0 | 65535 | R/W |
| 3355 | TZ17UN2 | Totalizer 17 unit char 3~4 | 0 | 65535 | R/W |
| 3356 | TZ17UN3 | Totalizer 17 unit char 5~6 | 0 | 65535 | R/W |
| 3357 | TZ18UN1 | Totalizer 18 unit char 1~2 | 0 | 65535 | R/W |
| 3358 | TZ18UN2 | Totalizer 18 unit char 3~4 | 0 | 65535 | R/W |
| 3359 | TZ18UN3 | Totalizer 18 unit char 5~6 | 0 | 65535 | R/W |
| 3360 | TZ7PSH | Totalizer 7 preset hi word | *4 | *4 | R/W |
| 3361 | TZ7PSL | Totalizer 7 preset low word | *4 | *4 | R/W |
| 3362 | TZ8PSH | Totalizer 8 preset hi word | *4 | *4 | R/W |
| 3363 | TZ8PSL | Totalizer 8 preset low word | *4 | *4 | R/W |
| 3364 | TZ9PSH | Totalizer 9 preset hi word | *4 | *4 | R/W |
| 3365 | TZ9PSL | Totalizer 9 preset low word | *4 | *4 | R/W |
| 3366 | TZ10PSH | Totalizer 10 preset hi word | *4 | *4 | R/W |
| 3367 | TZ10PSL | Totalizer 10 preset low word | *4 | *4 | R/W |
| 3368 | TZ11PSH | Totalizer 11 preset hi word | *4 | *4 | R/W |
| 3369 | TZ11PSL | Totalizer 11 preset low word | *4 | *4 | R/W |
| 3370 | TZ12PSH | Totalizer 12 preset hi word | *4 | *4 | R/W |
| 3371 | TZ12PSL | Totalizer 12 preset low word | *4 | *4 | R/W |
| 3372 | TZ13PSH | Totalizer 13 preset hi word | *4 | *4 | R/W |
| 3373 | TZ13PSL | Totalizer 13 preset low word | *4 | *4 | R/W |
| 3374 | TZ14PSH | Totalizer 14 preset hi word | *4 | *4 | R/W |
| 3375 | TZ14PSL | Totalizer 14 preset low word | *4 | *4 | R/W |
| 3376 | TZ15PSH | Totalizer 15 preset hi word | *4 | *4 | R/W |
| 3377 | TZ15PSL | Totalizer 15 preset low word | *4 | *4 | R/W |

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|------|------------|---|----|-------|-----|
| 3378 | TZ16PSH | Totalizer 16 preset hi word | *4 | *4 | R/W |
| 3379 | TZ16PSL | Totalizer 16 preset low word | *4 | *4 | R/W |
| 3380 | TZ17PSH | Totalizer 17 preset hi word | *4 | *4 | R/W |
| 3381 | TZ17PSL | Totalizer 17 preset low word | *4 | *4 | R/W |
| 3382 | TZ18PSH | Totalizer 18 preset hi word | *4 | *4 | R/W |
| 3383 | TZ18PSL | Totalizer 18 preset low word | *4 | *4 | R/W |
| 3384 | TZ7EV1TP | Totalizer 7 event 1 type | 0 | 65535 | R/W |
| 3385 | TZ8EV1TP | Totalizer 8 event 1 type | 0 | 65535 | R/W |
| 3386 | TZ9EV1TP | Totalizer 9 event 1 type | 0 | 65535 | R/W |
| 3387 | TZ10EV1TP | Totalizer 10 event 1 type | 0 | 65535 | R/W |
| 3388 | TZ11EV1TP | Totalizer 11 event 1 type | 0 | 65535 | R/W |
| 3389 | TZ12EV1TP | Totalizer 12 event 1 type | 0 | 65535 | R/W |
| 3390 | TZ13EV1TP | Totalizer 13 event 1 type | 0 | 65535 | R/W |
| 3391 | TZ14EV1TP | Totalizer 14 event 1 type | 0 | 65535 | R/W |
| 3392 | TZ15EV1TP | Totalizer 15 event 1 type | 0 | 65535 | R/W |
| 3393 | TZ16EV1TP | Totalizer 16 event 1 type | 0 | 65535 | R/W |
| 3394 | TZ17EV1TP | Totalizer 17 event 1 type | 0 | 65535 | R/W |
| 3395 | TZ18EV1TP | Totalizer 18 event 1 type | 0 | 65535 | R/W |
| 3396 | TZ7EV1SPH | Totalizer 7 event 1 set point high word *7 | *5 | *5 | |
| 3397 | TZ7EV1SPL | Totalizer 7 event 1 set point low word *7 | *5 | *5 | |
| 3398 | TZ8EV1SPH | Totalizer 8 event 1 set point high word *7 | *5 | *5 | |
| 3399 | TZ8EV1SPL | Totalizer 8 event 1 set point low word *7 | *5 | *5 | |
| 3400 | TZ9EV1SPH | Totalizer 9 event 1 set point high word *7 | *5 | *5 | |
| 3401 | TZ9EV1SPL | Totalizer 9 event 1 set point low word *7 | *5 | *5 | |
| 3402 | TZ10EV1SPH | Totalizer 10 event 1 set point high word *7 | *5 | *5 | |
| 3403 | TZ10EV1SPL | Totalizer 10 event 1 set point low word *7 | *5 | *5 | |
| 3404 | TZ11EV1SPH | Totalizer 11 event 1 set point high word *7 | *5 | *5 | |
| 3405 | TZ11EV1SPL | Totalizer 11 event 1 set point low word *7 | *5 | *5 | |
| 3406 | TZ12EV1SPH | Totalizer 12 event 1 set point high word *7 | *5 | *5 | |
| 3407 | TZ12EV1SPL | Totalizer 12 event 1 set point low word *7 | *5 | *5 | |
| 3408 | TZ13EV1SPH | Totalizer 13 event 1 set point high word *7 | *5 | *5 | |
| 3409 | TZ13EV1SPL | Totalizer 13 event 1 set point low word *7 | *5 | *5 | |
| 3410 | TZ14EV1SPH | Totalizer 14 event 1 set point high word *7 | *5 | *5 | |
| 3411 | TZ14EV1SPL | Totalizer 14 event 1 set point low word *7 | *5 | *5 | |
| 3412 | TZ15EV1SPH | Totalizer 15 event 1 set point high word *7 | *5 | *5 | |
| 3413 | TZ15EV1SPL | Totalizer 15 event 1 set point low word *7 | *5 | *5 | |
| 3414 | TZ16EV1SPH | Totalizer 16 event 1 set point high word *7 | *5 | *5 | |
| 3415 | TZ16EV1SPL | Totalizer 16 event 1 set point low word *7 | *5 | *5 | |
| 3416 | TZ17EV1SPH | Totalizer 17 event 1 set point high word *7 | *5 | *5 | |
| 3417 | TZ17EV1SPL | Totalizer 17 event 1 set point low word *7 | *5 | *5 | |
| 3418 | TZ18EV1SPH | Totalizer 18 event 1 set point high word *7 | *5 | *5 | |
| 3419 | TZ18EV1SPL | Totalizer 18 event 1 set point low word *7 | *5 | *5 | |
| 3420 | TZ7EV1JB1 | Totalizer 7 event 1 job 1 | 0 | 65535 | R/W |
| 3421 | TZ8EV1JB1 | Totalizer 8 event 1 job 1 | 0 | 65535 | R/W |
| 3422 | TZ9EV1JB1 | Totalizer 9 event 1 job 1 | 0 | 65535 | R/W |
| 3423 | TZ10EV1JB1 | Totalizer 10 event 1 job 1 | 0 | 65535 | R/W |
| 3424 | TZ11EV1JB1 | Totalizer 11 event 1 job 1 | 0 | 65535 | R/W |
| 3425 | TZ12EV1JB1 | Totalizer 12 event 1 job 1 | 0 | 65535 | R/W |
| 3426 | TZ13EV1JB1 | Totalizer 13 event 1 job 1 | 0 | 65535 | R/W |

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|------|------------|--------------------------------------|---|-------|-----|
| 3427 | TZ14EV1JB1 | Totalizer 14 event 1 job 1 | 0 | 65535 | R/W |
| 3428 | TZ15EV1JB1 | Totalizer 15 event 1 job 1 | 0 | 65535 | R/W |
| 3429 | TZ16EV1JB1 | Totalizer 16 event 1 job 1 | 0 | 65535 | R/W |
| 3430 | TZ17EV1JB1 | Totalizer 17 event 1 job 1 | 0 | 65535 | R/W |
| 3431 | TZ18EV1JB1 | Totalizer 18 event 1 job 1 | 0 | 65535 | R/W |
| 3432 | TZ7EV1PM1 | Totalizer 7 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3433 | TZ8EV1PM1 | Totalizer 8 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3434 | TZ9EV1PM1 | Totalizer 9 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3435 | TZ10EV1PM1 | Totalizer 10 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3436 | TZ11EV1PM1 | Totalizer 11 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3437 | TZ12EV1PM1 | Totalizer 12 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3438 | TZ13EV1PM1 | Totalizer 13 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3439 | TZ14EV1PM1 | Totalizer 14 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3440 | TZ15EV1PM1 | Totalizer 15 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3441 | TZ16EV1PM1 | Totalizer 16 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3442 | TZ17EV1PM1 | Totalizer 17 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3443 | TZ18EV1PM1 | Totalizer 18 event 1 job 1 parameter | 0 | 65535 | R/W |
| 3444 | TZ7EV1JB2 | Totalizer 7 event 1 job 2 | 0 | 65535 | R/W |
| 3445 | TZ8EV1JB2 | Totalizer 8 event 1 job 2 | 0 | 65535 | R/W |
| 3446 | TZ9EV1JB2 | Totalizer 9 event 1 job 2 | 0 | 65535 | R/W |
| 3447 | TZ10EV1JB2 | Totalizer 10 event 1 job 2 | 0 | 65535 | R/W |
| 3448 | TZ11EV1JB2 | Totalizer 11 event 1 job 2 | 0 | 65535 | R/W |
| 3449 | TZ12EV1JB2 | Totalizer 12 event 1 job 2 | 0 | 65535 | R/W |
| 3450 | TZ13EV1JB2 | Totalizer 13 event 1 job 2 | 0 | 65535 | R/W |
| 3451 | TZ14EV1JB2 | Totalizer 14 event 1 job 2 | 0 | 65535 | R/W |
| 3452 | TZ15EV1JB2 | Totalizer 15 event 1 job 2 | 0 | 65535 | R/W |
| 3453 | TZ16EV1JB2 | Totalizer 16 event 1 job 2 | 0 | 65535 | R/W |
| 3454 | TZ17EV1JB2 | Totalizer 17 event 1 job 2 | 0 | 65535 | R/W |
| 3455 | TZ18EV1JB2 | Totalizer 18 event 1 job 2 | 0 | 65535 | R/W |
| 3456 | TZ7EV1PM2 | Totalizer 7 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3457 | TZ8EV1PM2 | Totalizer 8 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3458 | TZ9EV1PM2 | Totalizer 9 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3459 | TZ10EV1PM2 | Totalizer 10 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3460 | TZ11EV1PM2 | Totalizer 11 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3461 | TZ12EV1PM2 | Totalizer 12 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3462 | TZ13EV1PM2 | Totalizer 13 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3463 | TZ14EV1PM2 | Totalizer 14 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3464 | TZ15EV1PM2 | Totalizer 15 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3465 | TZ16EV1PM2 | Totalizer 16 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3466 | TZ17EV1PM2 | Totalizer 17 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3467 | TZ18EV1PM2 | Totalizer 18 event 1 job 2 parameter | 0 | 65535 | R/W |
| 3468 | TZ7EV2TP | Totalizer 7 event 2 type | 0 | 65535 | R/W |
| 3469 | TZ8EV2TP | Totalizer 8 event 2 type | 0 | 65535 | R/W |
| 3470 | TZ9EV2TP | Totalizer 9 event 2 type | 0 | 65535 | R/W |
| 3471 | TZ10EV2TP | Totalizer 10 event 2 type | 0 | 65535 | R/W |
| 3472 | TZ11EV2TP | Totalizer 11 event 2 type | 0 | 65535 | R/W |
| 3473 | TZ12EV2TP | Totalizer 12 event 2 type | 0 | 65535 | R/W |
| 3474 | TZ13EV2TP | Totalizer 13 event 2 type | 0 | 65535 | R/W |
| 3475 | TZ14EV2TP | Totalizer 14 event 2 type | 0 | 65535 | R/W |

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|------|------------|---|----|-------|-----|
| 3476 | TZ15EV2TP | Totalizer 15 event 2 type | 0 | 65535 | R/W |
| 3477 | TZ16EV2TP | Totalizer 16 event 2 type | 0 | 65535 | R/W |
| 3478 | TZ17EV2TP | Totalizer 17 event 2 type | 0 | 65535 | R/W |
| 3479 | TZ18EV2TP | Totalizer 18 event 2 type | 0 | 65535 | R/W |
| 3480 | TZ7EV2SPH | Totalizer 7 event 2 set point high word *7 | *5 | *5 | |
| 3481 | TZ7EV2SPL | Totalizer 7 event 2 set point low word *7 | *5 | *5 | |
| 3482 | TZ8EV2SPH | Totalizer 8 event 2 set point high word *7 | *5 | *5 | |
| 3483 | TZ8EV2SPL | Totalizer 8 event 2 set point low word *7 | *5 | *5 | |
| 3484 | TZ9EV2SPH | Totalizer 9 event 2 set point high word *7 | *5 | *5 | |
| 3485 | TZ9EV2SPL | Totalizer9 event 2 set point low word *7 | *5 | *5 | |
| 3486 | TZ10EV2SPH | Totalizer 10 event 2 set point high word *7 | *5 | *5 | |
| 3487 | TZ10EV2SPL | Totalizer 10 event 2 set point low word *7 | *5 | *5 | |
| 3488 | TZ11EV2SPH | Totalizer 11 event 2 set point high word *7 | *5 | *5 | |
| 3489 | TZ11EV2SPL | Totalizer11 event 2 set point low word *7 | *5 | *5 | |
| 3490 | TZ12EV2SPH | Totalizer 12 event 2 set point high word *7 | *5 | *5 | |
| 3491 | TZ12EV2SPL | Totalizer 12 event 2 set point low word *7 | *5 | *5 | |
| 3492 | TZ13EV2SPH | Totalizer 13 event 2 set point high word *7 | *5 | *5 | |
| 3493 | TZ13EV2SPL | Totalizer 13 event 2 set point low word *7 | *5 | *5 | |
| 3494 | TZ14EV2SPH | Totalizer 14 event 2 set point high word *7 | *5 | *5 | |
| 3495 | TZ14EV2SPL | Totalizer 14 event 2 set point low word *7 | *5 | *5 | |
| 3496 | TZ15EV2SPH | Totalizer 15 event 2 set point high word *7 | *5 | *5 | |
| 3497 | TZ15EV2SPL | Totalizer 15 event 2 set point low word *7 | *5 | *5 | |
| 3498 | TZ16EV2SPH | Totalizer 16 event 2 set point high word *7 | *5 | *5 | |
| 3499 | TZ16EV2SPL | Totalizer 16 event 2 set point low word *7 | *5 | *5 | |
| 3500 | TZ17EV2SPH | Totalizer 17 event 2 set point high word *7 | *5 | *5 | |
| 3501 | TZ17EV2SPL | Totalizer 17 event 2 set point low word *7 | *5 | *5 | |
| 3502 | TZ18EV2SPH | Totalizer 18 event 2 set point high word *7 | *5 | *5 | |
| 3503 | TZ18EV2SPL | Totalizer 18 event 2 set point low word *7 | *5 | *5 | |
| 3504 | TZ7EV2JB1 | Totalizer 7 event 2 job 1 | 0 | 65535 | R/W |
| 3505 | TZ8EV2JB1 | Totalizer 8 event 2 job 1 | 0 | 65535 | R/W |
| 3506 | TZ9EV2JB1 | Totalizer 9 event 2 job 1 | 0 | 65535 | R/W |
| 3507 | TZ10EV2JB1 | Totalizer 10 event 2 job 1 | 0 | 65535 | R/W |
| 3508 | TZ11EV2JB1 | Totalizer 11 event 2 job 1 | 0 | 65535 | R/W |
| 3509 | TZ12EV2JB1 | Totalizer 12 event 2 job 1 | 0 | 65535 | R/W |
| 3510 | TZ13EV2JB1 | Totalizer 13 event 2 job 1 | 0 | 65535 | R/W |
| 3511 | TZ14EV2JB1 | Totalizer 14 event 2 job 1 | 0 | 65535 | R/W |
| 3512 | TZ15EV2JB1 | Totalizer 15 event 2 job 1 | 0 | 65535 | R/W |
| 3513 | TZ16EV2JB1 | Totalizer 16 event 2 job 1 | 0 | 65535 | R/W |
| 3514 | TZ17EV2JB1 | Totalizer 17 event 2 job 1 | 0 | 65535 | R/W |
| 3515 | TZ18EV2JB1 | Totalizer 18 event 2 job 1 | 0 | 65535 | R/W |
| 3516 | TZ7EV2PM1 | Totalizer 7 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3517 | TZ8EV2PM1 | Totalizer 8 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3518 | TZ9EV2PM1 | Totalizer 9 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3519 | TZ10EV2PM1 | Totalizer 10 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3520 | TZ11EV2PM1 | Totalizer 11 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3521 | TZ12EV2PM1 | Totalizer 12 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3522 | TZ13EV2PM1 | Totalizer 13 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3523 | TZ14EV2PM1 | Totalizer 14 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3524 | TZ15EV2PM1 | Totalizer 15 event 2 job 1 parameter | 0 | 65535 | R/W |

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|------|------------|--------------------------------------|---|-------|-----|
| 3525 | TZ16EV2PM1 | Totalizer 16 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3526 | TZ17EV2PM1 | Totalizer 17 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3527 | TZ18EV2PM1 | Totalizer 18 event 2 job 1 parameter | 0 | 65535 | R/W |
| 3528 | TZ7EV2JB2 | Totalizer 7 event 2 job 2 | 0 | 65535 | R/W |
| 3529 | TZ8EV2JB2 | Totalizer 8 event 2 job 2 | 0 | 65535 | R/W |
| 3530 | TZ9EV2JB2 | Totalizer 9 event 2 job 2 | 0 | 65535 | R/W |
| 3531 | TZ10EV2JB2 | Totalizer 10 event 2 job 2 | 0 | 65535 | R/W |
| 3532 | TZ11EV2JB2 | Totalizer 11 event 2 job 2 | 0 | 65535 | R/W |
| 3533 | TZ12EV2JB2 | Totalizer 12 event 2 job 2 | 0 | 65535 | R/W |
| 3534 | TZ13EV2JB2 | Totalizer 13 event 2 job 2 | 0 | 65535 | R/W |
| 3535 | TZ14EV2JB2 | Totalizer 14 event 2 job 2 | 0 | 65535 | R/W |
| 3536 | TZ15EV2JB2 | Totalizer 15 event 2 job 2 | 0 | 65535 | R/W |
| 3537 | TZ16EV2JB2 | Totalizer 16 event 2 job 2 | 0 | 65535 | R/W |
| 3538 | TZ17EV2JB2 | Totalizer 17 event 2 job 2 | 0 | 65535 | R/W |
| 3539 | TZ18EV2JB2 | Totalizer 18 event 2 job 2 | 0 | 65535 | R/W |
| 3540 | TZ7EV2PM2 | Totalizer 7 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3541 | TZ8EV2PM2 | Totalizer 8 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3542 | TZ9EV2PM2 | Totalizer 9 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3543 | TZ10EV2PM2 | Totalizer 10 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3544 | TZ11EV2PM2 | Totalizer 11 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3545 | TZ12EV2PM2 | Totalizer 12 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3546 | TZ13EV2PM2 | Totalizer 13 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3547 | TZ14EV2PM2 | Totalizer 14 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3548 | TZ15EV2PM2 | Totalizer 15 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3549 | TZ16EV2PM2 | Totalizer 16 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3550 | TZ17EV2PM2 | Totalizer 17 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3551 | TZ18EV2PM2 | Totalizer 18 event 2 job 2 parameter | 0 | 65535 | R/W |
| 3552 | IN20NA1 | Ver20 Instrument name char 1~2 *10 | 0 | 65535 | R/W |
| 3553 | IN20NA2 | Ver20 Instrument name char 3~4 *10 | 0 | 65535 | R/W |
| 3554 | IN20NA3 | Ver20 Instrument name char 5~6 *10 | 0 | 65535 | R/W |
| 3555 | IN20NA4 | Ver20 Instrument name char 7~8 *10 | 0 | 65535 | R/W |
| 3556 | AO1TP | AO1 Type | 0 | 65535 | R/W |
| 3557 | AO2TP | AO2 Type | 0 | 65535 | R/W |
| 3558 | AO3TP | AO3 Type | 0 | 65535 | R/W |
| 3559 | AO4TP | AO4 Type | 0 | 65535 | R/W |
| 3560 | AO5TP | AO5 Type | 0 | 65535 | R/W |
| 3561 | AO6TP | AO6 Type | 0 | 65535 | R/W |
| 3562 | AO7TP | AO7 Type | 0 | 65535 | R/W |
| 3563 | AO8TP | AO8 Type | 0 | 65535 | R/W |
| 3564 | AO9TP | AO9 Type | 0 | 65535 | R/W |
| 3565 | AO1CH | AO1 CH no | 0 | 65535 | R/W |
| 3566 | AO2CH | AO2 CH no | 0 | 65535 | R/W |
| 3567 | AO3CH | AO3 CH no | 0 | 65535 | R/W |
| 3568 | AO4CH | AO4 CH no | 0 | 65535 | R/W |
| 3569 | AO5CH | AO5 CH no | 0 | 65535 | R/W |
| 3570 | AO6CH | AO6 CH no | 0 | 65535 | R/W |
| 3571 | AO7CH | AO7 CH no | 0 | 65535 | R/W |
| 3572 | AO8CH | AO8 CH no | 0 | 65535 | R/W |
| 3573 | AO9CH | AO9 CH no | 0 | 65535 | R/W |

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|------|-------|----------------------------------|----|-------|-----|
| 3574 | AO1SI | AO1 Scale Idx | 0 | 65535 | R/W |
| 3575 | AO2SI | AO2 Scale Idx | 0 | 65535 | R/W |
| 3576 | AO3SI | AO3 Scale Idx | 0 | 65535 | R/W |
| 3577 | AO4SI | AO4 Scale Idx | 0 | 65535 | R/W |
| 3578 | AO5SI | AO5 Scale Idx | 0 | 65535 | R/W |
| 3579 | AO6SI | AO6 Scale Idx | 0 | 65535 | R/W |
| 3580 | AO7SI | AO7 Scale Idx | 0 | 65535 | R/W |
| 3581 | AO8SI | AO8 Scale Idx | 0 | 65535 | R/W |
| 3582 | AO9SI | AO9 Scale Idx | 0 | 65535 | R/W |
| 3583 | AO1DP | AO1 Range decimal point | 0 | 65535 | R/W |
| 3584 | AO2DP | AO2 Range decimal point | 0 | 65535 | R/W |
| 3585 | AO3DP | AO3 Range decimal point | 0 | 65535 | R/W |
| 3586 | AO4DP | AO4 Range decimal point | 0 | 65535 | R/W |
| 3587 | AO5DP | AO5 Range decimal point | 0 | 65535 | R/W |
| 3588 | AO6DP | AO6 Range decimal point | 0 | 65535 | R/W |
| 3589 | AO7DP | AO7 Range decimal point | 0 | 65535 | R/W |
| 3590 | AO8DP | AO8 Range decimal point | 0 | 65535 | R/W |
| 3591 | AO9DP | AO9 Range decimal point | 0 | 65535 | R/W |
| 3592 | AO1RL | AO1 Range low | *2 | *2 | R/W |
| 3593 | AO2RL | AO2 Range low | *2 | *2 | R/W |
| 3594 | AO3RL | AO3 Range low | *2 | *2 | R/W |
| 3595 | AO4RL | AO4 Range low | *2 | *2 | R/W |
| 3596 | AO5RL | AO5 Range low | *2 | *2 | R/W |
| 3597 | AO6RL | AO6 Range low | *2 | *2 | R/W |
| 3598 | AO7RL | AO7 Range low | *2 | *2 | R/W |
| 3599 | AO8RL | AO8 Range low | *2 | *2 | R/W |
| 3600 | AO9RL | AO9 Range low | *2 | *2 | R/W |
| 3601 | AO1RH | AO1 Range high | *2 | *2 | R/W |
| 3602 | AO2RH | AO2 Range high | *2 | *2 | R/W |
| 3603 | AO3RH | AO3 Range high | *2 | *2 | R/W |
| 3604 | AO4RH | AO4 Range high | *2 | *2 | R/W |
| 3605 | AO5RH | AO5 Range high | *2 | *2 | R/W |
| 3606 | AO6RH | AO6 Range high | *2 | *2 | R/W |
| 3607 | AO7RH | AO7 Range high | *2 | *2 | R/W |
| 3608 | AO8RH | AO8 Range high | *2 | *2 | R/W |
| 3609 | AO9RH | AO9 Range high | *2 | *2 | R/W |
| 3610 | AO1SL | AO1 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3611 | AO2SL | AO2 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3612 | AO3SL | AO3 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3613 | AO4SL | AO4 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3614 | AO5SL | AO5 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3615 | AO6SL | AO6 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3616 | AO7SL | AO7 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3617 | AO8SL | AO8 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3618 | AO9SL | AO9 Scale low (decimal point:3) | *2 | *2 | R/W |
| 3619 | AO1SH | AO1 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3620 | AO2SH | AO2 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3621 | AO3SH | AO3 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3622 | AO4SH | AO4 Scale high (decimal point:3) | *2 | *2 | R/W |

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|------|---------|----------------------------------|----|-------|-----|
| 3623 | AO5SH | AO5 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3624 | AO6SH | AO6 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3625 | AO7SH | AO7 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3626 | AO8SH | AO8 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3627 | AO9SH | AO9 Scale high (decimal point:3) | *2 | *2 | R/W |
| 3628 | AO1EX1 | AO 1 expression char 1~2 | 0 | 65535 | R/W |
| 3629 | AO1EX2 | AO 1 expression char 3~4 | 0 | 65535 | R/W |
| 3630 | AO1EX3 | AO 1 expression char 5~6 | 0 | 65535 | R/W |
| 3631 | AO1EX4 | AO 1 expression char 7~8 | 0 | 65535 | R/W |
| 3632 | AO1EX5 | AO 1 expression char 9~10 | 0 | 65535 | R/W |
| 3633 | AO1EX6 | AO 1 expression char 11~12 | 0 | 65535 | R/W |
| 3634 | AO1EX7 | AO 1 expression char 13~14 | 0 | 65535 | R/W |
| 3635 | AO1EX8 | AO 1 expression char 15~16 | 0 | 65535 | R/W |
| 3636 | AO1EX9 | AO 1 expression char 17~18 | 0 | 65535 | R/W |
| 3637 | AO1EX10 | AO 1 expression char 19~20 | 0 | 65535 | R/W |
| 3638 | AO1EX11 | AO 1 expression char 21~22 | 0 | 65535 | R/W |
| 3639 | AO1EX12 | AO 1 expression char 23~24 | 0 | 65535 | R/W |
| 3640 | AO1EX13 | AO 1 expression char 25~26 | 0 | 65535 | R/W |
| 3641 | AO1EX14 | AO 1 expression char 27~28 | 0 | 65535 | R/W |
| 3642 | AO1EX15 | AO 1 expression char 29~30 | 0 | 65535 | R/W |
| 3643 | AO1EX16 | AO 1 expression char 31~32 | 0 | 65535 | R/W |
| 3644 | AO1EX17 | AO 1 expression char 33~34 | 0 | 65535 | R/W |
| 3645 | AO1EX18 | AO 1 expression char 35~36 | 0 | 65535 | R/W |
| 3646 | AO2EX1 | AO 2 expression char 1~2 | 0 | 65535 | R/W |
| 3647 | AO2EX2 | AO 2 expression char 3~4 | 0 | 65535 | R/W |
| 3648 | AO2EX3 | AO 2 expression char 5~6 | 0 | 65535 | R/W |
| 3649 | AO2EX4 | AO 2 expression char 7~8 | 0 | 65535 | R/W |
| 3650 | AO2EX5 | AO 2 expression char 9~10 | 0 | 65535 | R/W |
| 3651 | AO2EX6 | AO 2 expression char 11~12 | 0 | 65535 | R/W |
| 3652 | AO2EX7 | AO 2 expression char 13~14 | 0 | 65535 | R/W |
| 3653 | AO2EX8 | AO 2 expression char 15~16 | 0 | 65535 | R/W |
| 3654 | AO2EX9 | AO 2 expression char 17~18 | 0 | 65535 | R/W |
| 3655 | AO2EX10 | AO 2 expression char 19~20 | 0 | 65535 | R/W |
| 3656 | AO2EX11 | AO 2 expression char 21~22 | 0 | 65535 | R/W |
| 3657 | AO2EX12 | AO 2 expression char 23~24 | 0 | 65535 | R/W |
| 3658 | AO2EX13 | AO 2 expression char 25~26 | 0 | 65535 | R/W |
| 3659 | AO2EX14 | AO 2 expression char 27~28 | 0 | 65535 | R/W |
| 3660 | AO2EX15 | AO 2 expression char 29~30 | 0 | 65535 | R/W |
| 3661 | AO2EX16 | AO 2 expression char 31~32 | 0 | 65535 | R/W |
| 3662 | AO2EX17 | AO 2 expression char 33~34 | 0 | 65535 | R/W |
| 3663 | AO2EX18 | AO 2 expression char 35~36 | 0 | 65535 | R/W |
| 3664 | AO3EX1 | AO 3 expression char 1~2 | 0 | 65535 | R/W |
| 3665 | AO3EX2 | AO 3 expression char 3~4 | 0 | 65535 | R/W |
| 3666 | AO3EX3 | AO 3 expression char 5~6 | 0 | 65535 | R/W |
| 3667 | AO3EX4 | AO 3 expression char 7~8 | 0 | 65535 | R/W |
| 3668 | AO3EX5 | AO 3 expression char 9~10 | 0 | 65535 | R/W |
| 3669 | AO3EX6 | AO 3 expression char 11~12 | 0 | 65535 | R/W |
| 3670 | AO3EX7 | AO 3 expression char 13~14 | 0 | 65535 | R/W |
| 3671 | AO3EX8 | AO 3 expression char 15~16 | 0 | 65535 | R/W |

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|------|---------|----------------------------|---|-------|-----|
| 3672 | AO3EX9 | AO 3 expression char 17~18 | 0 | 65535 | R/W |
| 3673 | AO3EX10 | AO 3 expression char 19~20 | 0 | 65535 | R/W |
| 3674 | AO3EX11 | AO 3 expression char 21~22 | 0 | 65535 | R/W |
| 3675 | AO3EX12 | AO 3 expression char 23~24 | 0 | 65535 | R/W |
| 3676 | AO3EX13 | AO 3 expression char 25~26 | 0 | 65535 | R/W |
| 3677 | AO3EX14 | AO 3 expression char 27~28 | 0 | 65535 | R/W |
| 3678 | AO3EX15 | AO 3 expression char 29~30 | 0 | 65535 | R/W |
| 3679 | AO3EX16 | AO 3 expression char 31~32 | 0 | 65535 | R/W |
| 3680 | AO3EX17 | AO 3 expression char 33~34 | 0 | 65535 | R/W |
| 3681 | AO3EX18 | AO 3 expression char 35~36 | 0 | 65535 | R/W |
| 3682 | AO4EX1 | AO 4 expression char 1~2 | 0 | 65535 | R/W |
| 3683 | AO4EX2 | AO 4 expression char 3~4 | 0 | 65535 | R/W |
| 3684 | AO4EX3 | AO 4 expression char 5~6 | 0 | 65535 | R/W |
| 3685 | AO4EX4 | AO 4 expression char 7~8 | 0 | 65535 | R/W |
| 3686 | AO4EX5 | AO 4 expression char 9~10 | 0 | 65535 | R/W |
| 3687 | AO4EX6 | AO 4 expression char 11~12 | 0 | 65535 | R/W |
| 3688 | AO4EX7 | AO 4 expression char 13~14 | 0 | 65535 | R/W |
| 3689 | AO4EX8 | AO 4 expression char 15~16 | 0 | 65535 | R/W |
| 3690 | AO4EX9 | AO 4 expression char 17~18 | 0 | 65535 | R/W |
| 3691 | AO4EX10 | AO 4 expression char 19~20 | 0 | 65535 | R/W |
| 3692 | AO4EX11 | AO 4 expression char 21~22 | 0 | 65535 | R/W |
| 3693 | AO4EX12 | AO 4 expression char 23~24 | 0 | 65535 | R/W |
| 3694 | AO4EX13 | AO 4 expression char 25~26 | 0 | 65535 | R/W |
| 3695 | AO4EX14 | AO 4 expression char 27~28 | 0 | 65535 | R/W |
| 3696 | AO4EX15 | AO 4 expression char 29~30 | 0 | 65535 | R/W |
| 3697 | AO4EX16 | AO 4 expression char 31~32 | 0 | 65535 | R/W |
| 3698 | AO4EX17 | AO 4 expression char 33~34 | 0 | 65535 | R/W |
| 3699 | AO4EX18 | AO 4 expression char 35~36 | 0 | 65535 | R/W |
| 3700 | AO5EX1 | AO 5 expression char 1~2 | 0 | 65535 | R/W |
| 3701 | AO5EX2 | AO 5 expression char 3~4 | 0 | 65535 | R/W |
| 3702 | AO5EX3 | AO 5 expression char 5~6 | 0 | 65535 | R/W |
| 3703 | AO5EX4 | AO 5 expression char 7~8 | 0 | 65535 | R/W |
| 3704 | AO5EX5 | AO 5 expression char 9~10 | 0 | 65535 | R/W |
| 3705 | AO5EX6 | AO 5 expression char 11~12 | 0 | 65535 | R/W |
| 3706 | AO5EX7 | AO 5 expression char 13~14 | 0 | 65535 | R/W |
| 3707 | AO5EX8 | AO 5 expression char 15~16 | 0 | 65535 | R/W |
| 3708 | AO5EX9 | AO 5 expression char 17~18 | 0 | 65535 | R/W |
| 3709 | AO5EX10 | AO 5 expression char 19~20 | 0 | 65535 | R/W |
| 3710 | AO5EX11 | AO 5 expression char 21~22 | 0 | 65535 | R/W |
| 3711 | AO5EX12 | AO 5 expression char 23~24 | 0 | 65535 | R/W |
| 3712 | AO5EX13 | AO 5 expression char 25~26 | 0 | 65535 | R/W |
| 3713 | AO5EX14 | AO 5 expression char 27~28 | 0 | 65535 | R/W |
| 3714 | AO5EX15 | AO 5 expression char 29~30 | 0 | 65535 | R/W |
| 3715 | AO5EX16 | AO 5 expression char 31~32 | 0 | 65535 | R/W |
| 3716 | AO5EX17 | AO 5 expression char 33~34 | 0 | 65535 | R/W |
| 3717 | AO5EX18 | AO 5 expression char 35~36 | 0 | 65535 | R/W |
| 3718 | AO6EX1 | AO 6 expression char 1~2 | 0 | 65535 | R/W |
| 3719 | AO6EX2 | AO 6 expression char 3~4 | 0 | 65535 | R/W |
| 3720 | AO6EX3 | AO 6 expression char 5~6 | 0 | 65535 | R/W |

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|------|---------|----------------------------|---|-------|-----|
| 3721 | AO6EX4 | AO 6 expression char 7~8 | 0 | 65535 | R/W |
| 3722 | AO6EX5 | AO 6 expression char 9~10 | 0 | 65535 | R/W |
| 3723 | AO6EX6 | AO 6 expression char 11~12 | 0 | 65535 | R/W |
| 3724 | AO6EX7 | AO 6 expression char 13~14 | 0 | 65535 | R/W |
| 3725 | AO6EX8 | AO 6 expression char 15~16 | 0 | 65535 | R/W |
| 3726 | AO6EX9 | AO 6 expression char 17~18 | 0 | 65535 | R/W |
| 3727 | AO6EX10 | AO 6 expression char 19~20 | 0 | 65535 | R/W |
| 3728 | AO6EX11 | AO 6 expression char 21~22 | 0 | 65535 | R/W |
| 3729 | AO6EX12 | AO 6 expression char 23~24 | 0 | 65535 | R/W |
| 3730 | AO6EX13 | AO 6 expression char 25~26 | 0 | 65535 | R/W |
| 3731 | AO6EX14 | AO 6 expression char 27~28 | 0 | 65535 | R/W |
| 3732 | AO6EX15 | AO 6 expression char 29~30 | 0 | 65535 | R/W |
| 3733 | AO6EX16 | AO 6 expression char 31~32 | 0 | 65535 | R/W |
| 3734 | AO6EX17 | AO 6 expression char 33~34 | 0 | 65535 | R/W |
| 3735 | AO6EX18 | AO 6 expression char 35~36 | 0 | 65535 | R/W |
| 3736 | AO7EX1 | AO 7 expression char 1~2 | 0 | 65535 | R/W |
| 3737 | AO7EX2 | AO 7 expression char 3~4 | 0 | 65535 | R/W |
| 3738 | AO7EX3 | AO 7 expression char 5~6 | 0 | 65535 | R/W |
| 3739 | AO7EX4 | AO 7 expression char 7~8 | 0 | 65535 | R/W |
| 3740 | AO7EX5 | AO 7 expression char 9~10 | 0 | 65535 | R/W |
| 3741 | AO7EX6 | AO 7 expression char 11~12 | 0 | 65535 | R/W |
| 3742 | AO7EX7 | AO 7 expression char 13~14 | 0 | 65535 | R/W |
| 3743 | AO7EX8 | AO 7 expression char 15~16 | 0 | 65535 | R/W |
| 3744 | AO7EX9 | AO 7 expression char 17~18 | 0 | 65535 | R/W |
| 3745 | AO7EX10 | AO 7 expression char 19~20 | 0 | 65535 | R/W |
| 3746 | AO7EX11 | AO 7 expression char 21~22 | 0 | 65535 | R/W |
| 3747 | AO7EX12 | AO 7 expression char 23~24 | 0 | 65535 | R/W |
| 3748 | AO7EX13 | AO 7 expression char 25~26 | 0 | 65535 | R/W |
| 3749 | AO7EX14 | AO 7 expression char 27~28 | 0 | 65535 | R/W |
| 3750 | AO7EX15 | AO 7 expression char 29~30 | 0 | 65535 | R/W |
| 3751 | AO7EX16 | AO 7 expression char 31~32 | 0 | 65535 | R/W |
| 3752 | AO7EX17 | AO 7 expression char 33~34 | 0 | 65535 | R/W |
| 3753 | AO7EX18 | AO 7 expression char 35~36 | 0 | 65535 | R/W |
| 3754 | AO8EX1 | AO 8 expression char 1~2 | 0 | 65535 | R/W |
| 3755 | AO8EX2 | AO 8 expression char 3~4 | 0 | 65535 | R/W |
| 3756 | AO8EX3 | AO 8 expression char 5~6 | 0 | 65535 | R/W |
| 3757 | AO8EX4 | AO 8 expression char 7~8 | 0 | 65535 | R/W |
| 3758 | AO8EX5 | AO 8 expression char 9~10 | 0 | 65535 | R/W |
| 3759 | AO8EX6 | AO 8 expression char 11~12 | 0 | 65535 | R/W |
| 3760 | AO8EX7 | AO 8 expression char 13~14 | 0 | 65535 | R/W |
| 3761 | AO8EX8 | AO 8 expression char 15~16 | 0 | 65535 | R/W |
| 3762 | AO8EX9 | AO 8 expression char 17~18 | 0 | 65535 | R/W |
| 3763 | AO8EX10 | AO 8 expression char 19~20 | 0 | 65535 | R/W |
| 3764 | AO8EX11 | AO 8 expression char 21~22 | 0 | 65535 | R/W |
| 3765 | AO8EX12 | AO 8 expression char 23~24 | 0 | 65535 | R/W |
| 3766 | AO8EX13 | AO 8 expression char 25~26 | 0 | 65535 | R/W |
| 3767 | AO8EX14 | AO 8 expression char 27~28 | 0 | 65535 | R/W |
| 3768 | AO8EX15 | AO 8 expression char 29~30 | 0 | 65535 | R/W |
| 3769 | AO8EX16 | AO 8 expression char 31~32 | 0 | 65535 | R/W |

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|------|---------|----------------------------|---|-------|-----|
| 3770 | AO8EX17 | AO 8 expression char 33~34 | 0 | 65535 | R/W |
| 3771 | AO8EX18 | AO 8 expression char 35~36 | 0 | 65535 | R/W |
| 3772 | AO9EX1 | AO 9 expression char 1~2 | 0 | 65535 | R/W |
| 3773 | AO9EX2 | AO 9 expression char 3~4 | 0 | 65535 | R/W |
| 3774 | AO9EX3 | AO 9 expression char 5~6 | 0 | 65535 | R/W |
| 3775 | AO9EX4 | AO 9 expression char 7~8 | 0 | 65535 | R/W |
| 3776 | AO9EX5 | AO 9 expression char 9~10 | 0 | 65535 | R/W |
| 3777 | AO9EX6 | AO 9 expression char 11~12 | 0 | 65535 | R/W |
| 3778 | AO9EX7 | AO 9 expression char 13~14 | 0 | 65535 | R/W |
| 3779 | AO9EX8 | AO 9 expression char 15~16 | 0 | 65535 | R/W |
| 3780 | AO9EX9 | AO 9 expression char 17~18 | 0 | 65535 | R/W |
| 3781 | AO9EX10 | AO 9 expression char 19~20 | 0 | 65535 | R/W |
| 3782 | AO9EX11 | AO 9 expression char 21~22 | 0 | 65535 | R/W |
| 3783 | AO9EX12 | AO 9 expression char 23~24 | 0 | 65535 | R/W |
| 3784 | AO9EX13 | AO 9 expression char 25~26 | 0 | 65535 | R/W |
| 3785 | AO9EX14 | AO 9 expression char 27~28 | 0 | 65535 | R/W |
| 3786 | AO9EX15 | AO 9 expression char 29~30 | 0 | 65535 | R/W |
| 3787 | AO9EX16 | AO 9 expression char 31~32 | 0 | 65535 | R/W |
| 3788 | AO9EX17 | AO 9 expression char 33~34 | 0 | 65535 | R/W |
| 3789 | AO9EX18 | AO 9 expression char 35~36 | 0 | 65535 | R/W |
| 3790 | SC1TL | Security 1 time limit | 0 | 65535 | R/W |
| 3791 | SC2TL | Security 2 time limit | 0 | 65535 | R/W |
| 3792 | SC3TL | Security 3 time limit | 0 | 65535 | R/W |
| 3793 | SC4TL | Security 4 time limit | 0 | 65535 | R/W |
| 3794 | SC5TL | Security 5 time limit | 0 | 65535 | R/W |
| 3795 | SC6TL | Security 6 time limit | 0 | 65535 | R/W |
| 3796 | SC7TL | Security 7 time limit | 0 | 65535 | R/W |
| 3797 | SC8TL | Security 8 time limit | 0 | 65535 | R/W |
| 3798 | SC9TL | Security 9 time limit | 0 | 65535 | R/W |
| 3799 | SC10TL | Security 10 time limit | 0 | 65535 | R/W |
| 3800 | SC11TL | Security 11 time limit | 0 | 65535 | R/W |
| 3801 | SC12TL | Security 12 time limit | 0 | 65535 | R/W |
| 3802 | SC13TL | Security 13 time limit | 0 | 65535 | R/W |
| 3803 | SC14TL | Security 14 time limit | 0 | 65535 | R/W |
| 3804 | SC15TL | Security 15 time limit | 0 | 65535 | R/W |
| 3805 | SC16TL | Security 16 time limit | 0 | 65535 | R/W |
| 3806 | SC17TL | Security 17 time limit | 0 | 65535 | R/W |
| 3807 | SC18TL | Security 18 time limit | 0 | 65535 | R/W |
| 3808 | SC19TL | Security 19 time limit | 0 | 65535 | R/W |
| 3809 | SC20TL | Security 20 time limit | 0 | 65535 | R/W |
| 3810 | SC21TL | Security 21 time limit | 0 | 65535 | R/W |
| 3811 | SC22TL | Security 22 time limit | 0 | 65535 | R/W |
| 3812 | SC23TL | Security 23 time limit | 0 | 65535 | R/W |
| 3813 | SC24TL | Security 24 time limit | 0 | 65535 | R/W |
| 3814 | SC25TL | Security 25 time limit | 0 | 65535 | R/W |
| 3815 | SC26TL | Security 26 time limit | 0 | 65535 | R/W |
| 3816 | SC27TL | Security 27 time limit | 0 | 65535 | R/W |
| 3817 | SC28TL | Security 28 time limit | 0 | 65535 | R/W |
| 3818 | SC29TL | Security 29 time limit | 0 | 65535 | R/W |

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|------|--------|-----------------------------|---|-------|-----|
| 3819 | SC30TL | Security 30 time limit | 0 | 65535 | R/W |
| 3820 | SC1LD | Security 1 last modify day | 0 | 65535 | R/W |
| 3821 | SC2LD | Security 2 last modify day | 0 | 65535 | R/W |
| 3822 | SC3LD | Security 3 last modify day | 0 | 65535 | R/W |
| 3823 | SC4LD | Security 4 last modify day | 0 | 65535 | R/W |
| 3824 | SC5LD | Security 5 last modify day | 0 | 65535 | R/W |
| 3825 | SC6LD | Security 6 last modify day | 0 | 65535 | R/W |
| 3826 | SC7LD | Security 7 last modify day | 0 | 65535 | R/W |
| 3827 | SC8LD | Security 8 last modify day | 0 | 65535 | R/W |
| 3828 | SC9LD | Security 9 last modify day | 0 | 65535 | R/W |
| 3829 | SC10LD | Security 10 last modify day | 0 | 65535 | R/W |
| 3830 | SC11LD | Security 11 last modify day | 0 | 65535 | R/W |
| 3831 | SC12LD | Security 12 last modify day | 0 | 65535 | R/W |
| 3832 | SC13LD | Security 13 last modify day | 0 | 65535 | R/W |
| 3833 | SC14LD | Security 14 last modify day | 0 | 65535 | R/W |
| 3834 | SC15LD | Security 15 last modify day | 0 | 65535 | R/W |
| 3835 | SC16LD | Security 16 last modify day | 0 | 65535 | R/W |
| 3836 | SC17LD | Security 17 last modify day | 0 | 65535 | R/W |
| 3837 | SC18LD | Security 18 last modify day | 0 | 65535 | R/W |
| 3838 | SC19LD | Security 19 last modify day | 0 | 65535 | R/W |
| 3839 | SC20LD | Security 20 last modify day | 0 | 65535 | R/W |
| 3840 | SC21LD | Security 21 last modify day | 0 | 65535 | R/W |
| 3841 | SC22LD | Security 22 last modify day | 0 | 65535 | R/W |
| 3842 | SC23LD | Security 23 last modify day | 0 | 65535 | R/W |
| 3843 | SC24LD | Security 24 last modify day | 0 | 65535 | R/W |
| 3844 | SC25LD | Security 25 last modify day | 0 | 65535 | R/W |
| 3845 | SC26LD | Security 26 last modify day | 0 | 65535 | R/W |
| 3846 | SC27LD | Security 27 last modify day | 0 | 65535 | R/W |
| 3847 | SC28LD | Security 28 last modify day | 0 | 65535 | R/W |
| 3848 | SC29LD | Security 29 last modify day | 0 | 65535 | R/W |
| 3849 | SC30LD | Security 30 last modify day | 0 | 65535 | R/W |

*1: The scale high/low value are define in the following table for AI(x)RL, AI(x)RH
AI(x)EV(x)SP, DP is reference to AI(x)DP.

| Conditions | DP=0 | DP=1 | DP=2 | DP=3 | DP=4 | DP=5 |
|------------|--------|---------|---------|---------|---------|----------|
| Scale low | -19999 | -1999.9 | -199.99 | -19.999 | -1.9999 | -0.19999 |
| Scale high | 45536 | 4553.6 | 455.36 | 45.536 | 4.5536 | 0.45536 |

*2: The scale high/low value are define in the following table for MA(x)RL, MX(x)RH,
MX(x)EV(x)SP, DP is reference to MX(x)DP.

| Conditions | DP=0 | DP=1 | DP=2 | DP=3 | DP=4 | DP=5 |
|------------|--------|---------|---------|---------|---------|----------|
| Scale low | -32768 | -3276.8 | -327.68 | -32.768 | -3.2768 | -0.32768 |
| Scale high | 32767 | 3276.7 | 327.67 | 32.767 | 3.2767 | 0.32767 |

*3: The scale high/low value are define in the following table for PG(x)PN(x)LO,
PG(x)PN(x)HI. If pen's channel (PG[x]PN[x]CH) is AI then use *1 table else
use *2 table.

*4: The scale high/low value are define in the following table for TZ(x)SH, TZ(x)SL,
DP is reference to TZ(x)DP.

| Conditions | DP=0 | DP=1 | DP=2 | DP=3 |
|------------|------------|-------------|-------------|-------------|
| Scale low | 0.0 | 0.0 | 0.0 | 0.0 |
| Scale high | 4294967295 | 429496729.5 | 42949672.95 | 4294967.295 |

| Conditions | DP=4 | DP=5 |
|------------|-------------|-------------|
| Scale low | 0.0 | 0.0 |
| Scale high | 429496.7295 | 42949.67295 |

*5: The scale high/low value are define in the following table for TZ(x)EV(x)SP, DP is
reference to TZ(x)DP.

| Conditions | DP=0 | DP=1 | DP=2 | DP=3 | DP=4 | DP=5 |
|------------|-------|--------|--------|--------|--------|---------|
| Scale low | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Scale high | 65536 | 6553.6 | 655.36 | 65.536 | 6.5536 | 0.65536 |

*6: Support for version 1.31 and later.

*7: Before version 1.31 totalizer event set point use TzxEVxSP(address 2167~2172 and
2203~2208) otherwise use TzxEVxSPH and TzxEVxSPL(address 2936~2959).

*8: Only FDA version have security function.

*9 FDA version login logout function LOGST(log status) 0 : login 1 :logout,
LOGRES(log response) 0:fail 1 :successful.

*10 Before version1.3 instrument name use address INNAX(address1796~1798)
otherwise use IN20Nax (address3552~3555).

3. Holding Register Parameter Descriptions

| Notation | Description | Range | Default |
|-------------------------------|--|--|---------|
| VER | Version | 0 ~65535 | --- |
| PLUS | Plus mode | 0 ~65535 | --- |
| AI(x)DP MA(x)DP TZ(x)DP | AI, Math and Totalizer Decimal point | 0~5 | 2 |
| AI(x)FN | AI function no | 0:Empty 2:Thermocouple J Type °C 3:Thermocouple J Type °F 4: Thermocouple K Type °C 5:Thermocouple K Type °F 6:Thermocouple T Type °C 7:Thermocouple T Type °F 8:Thermocouple E Type °C 9:Thermocouple E Type °F 10:Thermocouple B Type °C 11:Thermocouple B Type °F 12:Thermocouple R Type °C 13:Thermocouple R Type °F 14:Thermocouple S Type °C 15:Thermocouple S Type °F 16:Thermocouple N Type °C 17:Thermocouple N Type °F 18:Thermocouple L Type °C 19:Thermocouple L Type °F 20:Thermocouple TC1 Type °C 21:Thermocouple TC1 Type °F 24:RTD PT100 Type °C 25:RTD PT100 Type °F 26:RTD JPT100 Type °C 27:RTD JPT100 Type °F 28:RTD RTD1 Type °C 29:RTD RTD1 Type °F 32:0~60mV linear millivolt input 34:0~1000mV | --- |

| | | | |
|---|---|---|---|
| | | linear millivolt input 36:0~10V linear voltage input 38:0~20mA linear current input 40:0~5V linear voltage input 42: 1~5V linear voltage input 44: 4~20mA linear current input 1, 22, 23, 30: :Reserve 31,33,3537,39,41,43: Reserve | |
| MA(x)EN | Math enable | 0:disable 1:enable | 0 |
| AI(x)RL | AI range low | Linear input :-32768~32767 else see sensor type range | linear:0 |
| AI(x)RH | AI range High | Linear input :-32768~32767 else s see sensor type range | linear:100 |
| MA(x)RL | Math range low | -32768~32767 | -3276.8 |
| MA(x)RH | Math range high | -32768~32767 | 3276.7 |
| AI(x)UN1~3 MA(x)UN1~3 CT(x)UN1~3 TZ(x)UN1~3 | AI, Math, Counter and Totalizer unit total char is 6 UN1:char 1~2 UN2:char 3~4 UN3:char 5~6 | 0~65535 | 0 |
| AI(x)NA1~3 MA(x)NA1~3 INNA1~3 CT(x)NA1~3 DI(x)NA1~3 TZ(x)NA1~3 | AI, Math, Instrument, Counter, DI and Totalizer name total char is 6 NA1:char 1~2 NA2:char 3~4 NA3:char 5~6 | 0~65535 | AI(x) MA(x) VR18 CT(x) DI(x) TZ(x) |
| AI(x)ME MA(x)ME | AI and Math log method | 0: Disable 1: Instant 2:Average 3:Minimum | 1 |

| | | | |
|---|---|---|-----|
| | | 4:Maximum | |
| AI(x)SP MA(x)SP | AI and Math log speed | 0:1 Sec 1:2 Sec 2:5 Sec 3:10 Sec 4:30 Sec, 5:60 Sec, 6:120 Sec | 0 |
| AI(x)OF MA(x)OF | AI and Math offset | 0~65535 | 0.0 |
| AI(x)GA MA(x)GA | AI and Math gain | 1~65535 | 1.0 |
| AI(x)EV(x)TP MA(x)EV(x)TP | AI and Math event type | 0:No (None) 1:H (High) 2:L (Low) 3:HH (HighHigh) 4:LL (LowLow) 5:R (Rate of change – rise) 5:r (Rate of change – fall) | 0 |
| AI(x)EV(x)SP MA(x)EV(x)SP | AI and Math event set point | Low: AI(x)RL or MA(x)RL High: AI(x)RH or MA(x)RH | 0 |
| AI(x)EV(x)RT MA(x)EV(x)RT | AI and Math rate of change time | 1~15 Sec | 1 |
| AI(x)EV(x)JB(x) MA(x)EV(x)JB(x) TM(x)JB(x) CT(x)EV(x)JB(x) DI(x)EV(x)JB(x) TZ(x)EV(x)JB(x) | AI, Math, Timer, Counter, DI and Totalizer AI event job | 0:No Action 1:Log Alarm 2:Log Event 3:Sound Buzzer 4:Set DO On 5:Set DO Off 6:Enable Timer 7:Disable Timer, 8:Preset Totalzer 9:Reset Totalzer 10:Enable Totalzer 11:Disable Totalzer 12:Preset Counter 13:Reset Counter 14:Inc Counter 15:Dec Counter | 0 |

| | | | |
|--|--|---|--------|
| | | 16:Log Report | |
| AI1EV1PM1 AI(x)EV(x)PM(x) MA(x)EV(x)PM(x) TM(x)PM(x) CT(x)EV(x)PM(x) DI(x)EV(x)PM(x) TZ(x)EV(x)PM(x) | AI, Math, Timer, Counter, DI and Totalizer AI event job parameter | 0~11 | 0 |
| PG(x)MD | Page mode | 0:Disable 1:Mix 2:Trend 3:Bar 4:Digital | 1 |
| PG(x)DT | Page: trend direction | 0: Horz 1: Vert | 0 |
| PG(x)BG | Page: trend background color | 0:Black 1:White | 0 |
| PG(x)DI PG(x)DO | Page: DI and DO status bar | 0: Disable 1: Enable 1~6 2: Enable 7~12 | 0 |
| PG(x)TZ PG(x)CT | Page: totalizer and counter status bar | 0: Disable 1: Enable 1~6 2: Enable 1~5 3: Enable 1~4 4: Enable 1~3 5: Enable 2~4 6: Enable 3~5 7: Enable 4~6 | 0 |
| PG(x)PN(x)CH | Page: pen channel | 0:Disable 1~18:AI 19~36:Math | 0 |
| PG(x)PN(x)CR | Page: pen color | 0:Blue 1:Green 2:Cyan 3:Red 4:Magenta 5:Yellow 6:Gray 7:Deep Blue | Pen No |

| | | | |
|--------------|--|---|-----------------|
| | | 8:Deep Green 9:Deep Cyan 10:Deep Red 11:Deep Magenta 12:Olive 13:Dark Gray | |
| PG(x)PN(x)WT | Page: pen width | 1~3 | 1 |
| PG(x)PN(x)LO | Page: pen rang low | Same as this pen source range | pen source low |
| PG(x)PN(x)HI | Page: pen rang high | Same as this pen source range | pen source high |
| TM(x)TP | Timer type | 0:Countdown 1:Repeat Countdown 2:Daily 3:Weekly 4:Monthly | 0 |
| TM(x)AC | Timer action | 0:Disable 1:Enable | 0 |
| TM(x)DY | Timer day Parameter | 0~31 | 0 |
| TM(x)HR | Timer hour parameter | 0~23 | 0 |
| TM(x)MN | Timer minute parameter | 0~59 | 0 |
| TM(x)SD | Timer second parameter | 0~59 | 1 |
| INPW1~4 | Instrument total char is 6 INPW 1:char 1~2 INPW 2:char 3~4 INPW 3:char 5~6 INPW 4:char 7~8 | 0~65535 | 0 |
| INSM | Instrument storage media | 0: CF Card | 0 |
| INKS | Instrument keypad sound | 0:Disable 1:Minimum | 1 |

| | | | |
|---------|---|--|------------------|
| | | 2:Medium 3:Maximum | |
| INDS | Instrument date style | 0:mm/dd/yy 1:dd/mm/yy | 0 |
| INLA | Instrument language | 0: English | 0 |
| INEL | Instrument event limit | 0:256 1:512 2:1024 | 0 |
| INSS | Instrument screen saver | 0:Disable 1:1 Min 2:10 Min 3:20 Min 4:30 Min 5:40 Min 6:50 Min 7:60 Min | 0 |
| INIR | Instrument IR sensor enable | 0:Off 1:On | 0 |
| INPT | Instrument communication protocol | 0:RS232/RS485/RS/422 1:Ethernet | 1 |
| INAD | Instrument address | 0:Disable 1~32 | 1 |
| INBR | Instrument baud rate | 0:9600 1:14400 2:19200 3:28800 4:38400 5:57600 6:115200 | 4 |
| INDF | Instrument data format | 0:Automation 1: User Define | 0 |
| INIP1~2 | Instrument Ethernet IP address total digital is 4 INIP1:digital 1~2 INIP1:digital 3~4 | 0~65535 | 192.168 0.111 |
| INSM1~2 | Instrument Ethernet subnet mask total | 0~65535 | 255.255 255.0 |

| | | | |
|--|--|----------------------------|---------|
| | digital is 4 INIP1:digital 1~2 INIP1:digital 3~4 | | |
| INDG1~2 | Instrument Ethernet default gateway total digital is 4 INIP1:digital 1~2 INIP1:digital 3~4 | 0~65535 | 0.0.0.0 |
| INSMEN | Instrument summer time enable | 0:Disable 1:Enable | 0 |
| INSMSM | Instrument summer time start month | 1~12 | 4 |
| INSMSD | Instrument summer time start day | 1~31 | 1 |
| INSMEM | Instrument summer time end month | 1~12 | 9 |
| INSMED | Instrument summer time end day | 1~31 | 30 |
| INSTMT | Instrument set clock month | 0~12 0:do not set clock | 0 |
| INSTDY | Instrument set clock day | 1~31 | --- |
| INSTYR | Instrument set clock year | 2000~2100 | --- |
| INSTHR | Instrument set clock hour | 0~23 | --- |
| INSTMN | Instrument set clock minute | 0~60 | --- |
| INSTSD | Instrument set clock second | 0~60 | --- |
| CT(x)PS | Counter preset value | 0~65535 | 0 |
| CT(x)EV(x)TP DI(x)EV(x)TP TZ(x)EV(x)TP | Counter, DI and Totalizer event type | 0:None 1:Hi 2:Low | 0 |
| CT(x)EV(x)SP | Counter event set point | 0~65535 | 100 |
| TZ(x)SR | Totalizer source | 0~17:AI1~AI18 | 0 |

| | | | |
|----------------------|---|--|-------|
| | | 18~35:Math1~Math18 | |
| TZ(x)AC | Totalizer action | 0:Disable 1:Enable | 0 |
| TZ(x)PI | Totalizer period | 0:Sec 1:Min 2:Hour | 0 |
| TZ(x)PSH TZ(x)PSL | Totalizer preset hi word and low word must be marge | 0 to 4,294,967,295 | 0 |
| TZ1EVSP | Totalizer event set point | 0~65535 | 100.0 |
| MA(x)EX1~18 | Math expression total char is 36 EX1:char 1~2 EX18:char 35~36 | 0~65535 | 0 |
| CDMD(x) | IO card channel mode (x)/6 is slot no (x)%6 is channel no | bit0~1:Total channel, bit2~3:Card version bit4~7:Card Type (8:AI, C:DI, E:DO) | --- |

Input sensor type range:

| Type | Range |
|--------|----------------------------------|
| J | -120°C~1000°C -184°F ~1832°F |
| K | -200°C~1370°C -328°F ~2498°F |
| T | -250°C~400°C -418°F ~752°F |
| E | -100°C~900°C -148°F ~1652°F |
| B | 0°C~1800°C 32°F ~3272°F |
| R | 0°C~1767.8°C 32°F ~3214°F |
| S | 0°C~1767.8°C 32°F ~3214°F |
| N | -250°C~1300°C -418°F ~2372°F |
| L | -200°C ~900°C -328°F ~1652°F |
| TC1 | -250°C ~1820°C -418°F ~3308°F |
| PT100 | -210°C~700°C -346°F ~1292°F |
| JPT100 | -200°C~600°C -328°F ~1112°F |
| RTD1 | -250°C ~1820°C -418°F ~3308°F |

4.Modbus communication

4-1.Data Conversion:

The word data are regarded as unsigned (positive) data in the Modbus message. However,the actual value of the parameter may be negative value with decimal point.The high/low scale values for each parameter are used for the purpose of such conversion.

Let M=Value of Modbus message

A=Actual value of the parameter

SL=Scale low value of the parameter

SH=Scale high value of the parameter

The conversion formulas are as follows:

$$M=65535*(A-SL)/(SH-SL)$$

$$A=M*(SH-SL)/65535+SL$$

4-2.Read Holding Registers

Description

Reads the binary contents of holding registers in the slave.

Broadcast is not supported.

Query

The query message specifies the starting register and quantity of registers to be read. Registers are addressed starting at zero: registers 1–16 are addressed as 0–15. Here is an example of a request to read registers 2108–2110 from slave device17:

QUERY

| | Example |
|---------------------|---------|
| Field Name | (Hex) |
| Slave Address | 11 |
| Function | 03 |
| Starting Address Hi | 08 |
| Starting Address Lo | 3C |
| No. of Points Hi | 00 |
| No. of Points Lo | 03 |
| Error Check (CRC) | -- |

Response

The register data in the response message are packed as two bytes per register,with the

binary contents right justified within each byte. For each register, the first byte contains the high order bits and the second contains the low order bits. The response is returned when the data is completely assembled. Here is an example of a response to the query on the opposite page:

| RESPONSE | |
|-------------------------|---------|
| | Example |
| Field Name | (Hex) |
| Slave Address | 11 |
| Function | 03 |
| Byte Count | 06 |
| Data Hi (Register 2108) | 02 |
| Data Lo (Register 2108) | 2B |
| Data Hi (Register 2109) | 00 |
| Data Lo (Register 2109) | 00 |
| Data Hi (Register 2110) | 00 |
| Data Lo (Register 2110) | 64 |
| Error Check (CRC) | -- |

The contents of register 2108 are shown as the two byte values of 02 2B hex, or 555 decimal. The contents of registers 4109–4110 are 00 00 and 00 64 hex, or 0 and 100 decimal.

4-3. Read Input Registers

Description

Reads the binary contents of input registers in the slave.

Broadcast is not supported.

Query

The query message specifies the starting register and quantity of registers to be read.

Registers are addressed starting at zero: registers 1–16 are addressed as 0–15. Here is an example of a request to read register 2009 from slave device 17:

| QUERY | |
|---------------------|---------|
| | Example |
| Field Name | (Hex) |
| Slave Address | 11 |
| Function | 04 |
| Starting Address Hi | 07 |

| | |
|---------------------|----|
| Starting Address Lo | D9 |
| No. of Points Hi | 00 |
| No. of Points Lo | 01 |
| Error Check (CRC) | -- |

Response

The register data in the response message are packed as two bytes per register, with the binary contents right justified within each byte. For each register, the first byte contains the high order bits and the second contains the low order bits.

The response is returned when the data is completely assembled. Here is an example of a response to the query on the opposite page:

RESPONSE

| | Example |
|-------------------------|---------|
| Field Name | (Hex) |
| Slave Address | 11 |
| Function | 04 |
| Byte Count | 02 |
| Data Hi (Register 2009) | 00 |
| Data Lo (Register 2009) | 0A |
| Error Check (CRC) | -- |

The contents of register 2009 are shown as the two byte values of 00 0A hex, or 10 decimal.

4-4.Preset(Write) Multiple Registers

Description

Presets values into a sequence of holding registers.

Note The function will override the controller's memory protect state. The preset values will remain valid in the registers until the controller's logic next solves the register contents. The register values will remain if they are not programmed in the controller's logic.

Query

The query message specifies the register references to be preset. Registers are addressed starting at zero: register 1 is addressed as 0. The requested preset values are specified in the query data field. Data is packed as two bytes per register. Here is an example of a request to preset two registers starting at 2002 to 00 0A and 01 02 hex, in slave device 17:

QUERY

| | Example |
|--------------------------|---------|
| Field Name | (Hex) |
| Slave Address | 11 |
| Function | 10 |
| Starting Address Hi | 07 |
| Starting Address Lo | D2 |
| No. of Registers Hi | 00 |
| No. of Registers Lo | 02 |
| Byte Count | 04 |
| Data Hi | 00 |
| Data Lo | 0A |
| Data Hi | 01 |
| Data Lo | 02 |
| Error Check (LRC or CRC) | -- |

Response

The normal response returns the slave address, function code, starting address, and quantity of registers preset. Here is an example of a response to the query shown above.

RESPONSE

| | Example |
|---------------------|---------|
| Field Name | (Hex) |
| Slave Address | 11 |
| Function | 10 |
| Starting Address Hi | 00 |
| Starting Address Lo | 01 |
| No. of Registers Hi | 00 |
| No. of Registers Lo | 02 |
| Error Check (CRC) | -- |

4-5. Placing the CRC into the Message

When the 16-bit CRC (two 8-bit bytes) is transmitted in the message, the low-order byte will be transmitted first, followed by the high-order byte. For example, if the CRC value is 1241 hex (0001 0010 0100 0001):

CRC Byte Sequence:

Addr Func Data Data Data Data Data CRC CRC

| | | |
|-------|----|----|
| Count | Hi | Lo |
| | 41 | 12 |

Example

An example of a C language function performing CRC generation is shown on the following pages. All of the possible CRC values are preloaded into two arrays, which are simply indexed as the function increments through the message buffer. One array contains all of the 256 possible CRC values for the high byte of the 16-bit CRC field, and the other array contains all of the values for the low byte. Indexing the CRC in this way provides faster execution than would be achieved by calculating a new CRC value with each new character from the message buffer.

CRC Generation Function

```
unsigned short CRC16(puchMsg, usDataLen)
```

```

unsigned char *puchMsg ;           /* message to calculate CRC upon */
unsigned short usDataLen ;        /* quantity of bytes in message */

{
    unsigned char uchCRCHi = 0xFF ; /* high byte of CRC initialized */
    unsigned char uchCRCLo = 0xFF ; /* low byte of CRC initialized */
    /*
    unsigned uIndex ;              /* will index into CRC lookup table */
    while (usDataLen-->0)         /* pass through message buffer */
    {
        uIndex = uchCRCHi ^ *puchMsg++ ; /* calculate the CRC */
        /*
        uchCRCHi = uchCRCLo ^ auchCRCHi[uIndex] ;
        uchCRCLo = auchCRCLo[uIndex] ;
    }

    return (uchCRCHi << 8 | uchCRCLo) ;
}

```

High-Order Byte Table

```

/* Table of CRC values for high-order byte */
static unsigned char auchCRCHi[] = {

```

```

0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81,
0x40, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0,
0x80, 0x41, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81, 0x40, 0x01,
0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x01, 0xC0, 0x80, 0x41,
0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81,
0x40, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x01, 0xC0,
0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x01,
0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40,
0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81,
0x40, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0,
0x80, 0x41, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81, 0x40, 0x01,
0xC0, 0x80, 0x41, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41,
0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81,
0x40, 0x01, 0xC0, 0x80, 0x41, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0,
0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x01,
0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81, 0x40, 0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41,
0x00, 0xC1, 0x81, 0x40, 0x01, 0xC0, 0x80, 0x41, 0x00, 0xC1, 0x81,
0x40

```

```
};
```

Low-Order Byte Table

```
/* Table of CRC values for low-order byte */
```

```

static char auchCRCLo[] = {
0x00, 0xC0, 0xC1, 0x01, 0xC3, 0x03, 0x02, 0xC2, 0xC6, 0x06, 0x07, 0xC7, 0x05, 0xC5, 0xC4,
0x04, 0xCC, 0x0C, 0x0D, 0xCD, 0x0F, 0xCF, 0xCE, 0x0E, 0x0A, 0xCA, 0xCB, 0x0B, 0xC9, 0x09,
0x08, 0xC8, 0xD8, 0x18, 0x19, 0xD9, 0x1B, 0xDB, 0xDA, 0x1A, 0x1E, 0xDE, 0xDF, 0x1F, 0xDD,
0x1D, 0x1C, 0xDC, 0x14, 0xD4, 0xD5, 0x15, 0xD7, 0x17, 0x16, 0xD6, 0xD2, 0x12, 0x13, 0xD3,
0x11, 0xD1, 0xD0, 0x10, 0xF0, 0x30, 0x31, 0xF1, 0x33, 0xF3, 0xF2, 0x32, 0x36, 0xF6, 0xF7,
0x37, 0xF5, 0x35, 0x34, 0xF4, 0x3C, 0xFC, 0xFD, 0x3D, 0xFF, 0x3F, 0x3E, 0xFE, 0xFA, 0x3A,
0x3B, 0xFB, 0x39, 0xF9, 0xF8, 0x38, 0x28, 0xE8, 0xE9, 0x29, 0xEB, 0x2B, 0x2A, 0xEA, 0xEE,
0x2E, 0x2F, 0xEF, 0x2D, 0xED, 0xEC, 0x2C, 0xE4, 0x24, 0x25, 0xE5, 0x27, 0xE7, 0xE6, 0x26,
0x22, 0xE2, 0xE3, 0x23, 0xE1, 0x21, 0x20, 0xE0, 0xA0, 0x60, 0x61, 0xA1, 0x63, 0xA3, 0xA2,
0x62, 0x66, 0xA6, 0xA7, 0x67, 0xA5, 0x65, 0x64, 0xA4, 0x6C, 0xAC, 0xAD, 0x6D, 0xAF, 0x6F,
0x6E, 0xAE, 0xAA, 0x6A, 0x6B, 0xAB, 0x69, 0xA9, 0xA8, 0x68, 0x78, 0xB8, 0xB9, 0x79, 0xBB,
0x7B, 0x7A, 0xBA, 0xBE, 0x7E, 0x7F, 0xBF, 0x7D, 0xBD, 0xBC, 0x7C, 0xB4, 0x74, 0x75, 0xB5,
0x77, 0xB7, 0xB6, 0x76, 0x72, 0xB2, 0xB3, 0x73, 0xB1, 0x71, 0x70, 0xB0, 0x50, 0x90, 0x91,
0x51, 0x93, 0x53, 0x52, 0x92, 0x96, 0x56, 0x57, 0x97, 0x55, 0x95, 0x94, 0x54, 0x9C, 0x5C,
0x5D, 0x9D, 0x5F, 0x9F, 0x9E, 0x5E, 0x5A, 0x9A, 0x9B, 0x5B, 0x99, 0x59, 0x58, 0x98, 0x88,
0x48, 0x49, 0x89, 0x4B, 0x8B, 0x8A, 0x4A, 0x4E, 0x8E, 0x8F, 0x4F, 0x8D, 0x4D, 0x4C, 0x8C,
0x44, 0x84, 0x85, 0x45, 0x87, 0x47, 0x46, 0x86, 0x82, 0x42, 0x43, 0x83, 0x41, 0x81, 0x80,

```

0x40

};

4-6.Sample Code

A request to read holding register 00 from slave device 01:

```
char buffer[10];
int SL=ScaleLo of registers 00,
    SH=ScaleHi of registers 00;
ReadData(1,3,0,1,buffer);
int M=MAKEWORD(buffer[4],buffer[3]);
/* The content of register 00 is as follow: */
ConverseData(M,SL,SH);
```

A request to read Input register 00 from slave device 01:

```
char buffer[10];
int SL=ScaleLo of registers 00,
    SH=ScaleHi of registers 00;
ReadData(1,4,0,1,buffer);
int M=MAKEWORD(buffer[4],buffer[3]);
/* The content of register 00 is as follow: */
ConverseData(M,SL,SH);
```

A request to preset two registers starting at 0 to 1 and 2, in slave device 01:

```
char buf[4];
int SL0=ScaleLo of registers 00,
    SH0=ScaleHi of registers 00,
    SL1=ScaleLo of registers 01,
    SH1=ScaleHi of registers 01,
    M0=65535*(1-SL0)/(SH0-SL0),
    M1=65535*(2-SL1)/(SH1-SL1);
buf[0]=HIBYTE[M0];
buf[1]=LoBYTE[M0];
buf[2]=HIBYTE[M1];
buf[3]=LoBYTE[M1];
WriteData(1,16,0,1,buffer);
```

How to get the real-time value of Pen1 in recorder via Modbus.

Step1:Read the parameters Decimal,ScaleLo and ScaleHi of Pen1.

The sample codes are as follows:

```
int Pen1Dp,//Decimal point of Pen1
    Pen1SL,//ScaleLo of Pen1
    Pen1SH;//ScaleHi of Pen1
```

```
Pen1Val;//real-time value of Pen1
```

```
float A;//Actual value of the parameter  
int M;//Value of Modbus message  
    SL;//Scale low value of the parameter  
    SH;//Scale high value of the parameter  
unsigned char MbsBuf[20];  
//Decimal  
if(ReadData(1,3,2,1,MbsBuf))  
{  
    /*      Parse Data      */  
    M=MAKEWORD(MbsBuf[4],MbsBuf[3]);  
    /*      Converse Data      */  
    Pen1Dp=ConverseData(M,SL,SH);  
}  
//ScaleLo  
Pen1SL=SL/(10^Dp)  
//ScaleHi  
Pen1SH=SL/(10^Dp)
```

Step2:Read the real-time value of Pen1.(Continued)

The sample codes are as follows:

```
//Value of Input Register  
if(ReadData(1,4,0,1,MbsBuf))  
{  
    /*      Parse Data      */  
    M=MAKEWORD(MbsBuf[4],MbsBuf[3]);  
    /*      Converse Data      */  
    Pen1Val=ConverseData(M,Pen1SL,Pen1SH);  
}
```

//Read function

```
bool ReadData(int Addr,int Func,int StReg,int RegNum,unsigned char *MbsBuf)  
{  
    unsigned char msg[20];  
    unsigned short Crc;  
    msg[0]=Addr;  
    msg[1]=Func;  
    msg[2]=HIBYTE[StReg];
```

```

msg[3]=LOBYTE[StReg];
msg[4]=HIBYTE[RegNum];
msg[5]=LOBYTE[RegNum];
Crc=CRC16(msg,6);
msg[6]=HIBYTE[Crc];
msg[7]=LoBYTE[Crc];
int snd=8,//Byte number of buffer msg
    rcv=5+RegNum*2;
/*  Send snd bytes content of msg to COMM port    */
/*  Receive rcv bytes of response from COMM port to MbsBuf  */
if (successfully)
    return true;
else
    return false;
}

//Write function
bool WriteData(int Addr,int Func,int StReg,int RegNum,unsigned char *MbsBuf)
{
    unsigned char msg[300];
    unsigned short Crc;
    msg[0]=Addr;
    msg[1]=Func;
    msg[2]=HIBYTE[StReg];
    msg[3]=LOBYTE[StReg];
    msg[4]=HIBYTE[RegNum];
    msg[5]=LOBYTE[RegNum];
    msg[6]=RegNum*2;
    memcpy(&(msg[7]),MbsBuf,msg[6]);
    int count=6+msg[6];
    Crc=CRC16(msg,count);
    msg[count]=HIBYTE[Crc];
    msg[count+1]=LoBYTE[Crc];
    count=count+2;
    int snd=count,//Byte number of buffer msg
        rcv=8;
/*  Send snd bytes content of msg to COMM port    */
/*  Receive rcv bytes of response from COMM port to MbsBuf  */
if (successfully)

```

```

        return true;
    else
        return false;
}

float ConverseData(int M,int SL,int SH)
{
    float A;//Actual value of the parameter
    /*    Converse Data        */
    A=M*(SH-SL)/65535+SL;

    return A;
}

```

4-7. Modbus/TCP

This section describes the general form of encapsulation of a MODBUS request or response when carried on the MODBUS/TCP network. It is important to note that the structure of the request and response body, from the function code to the end of the data portion, have EXACTLY the same layout and meaning as MODBUS serial port- RTU (binary) encoding.

The only differences in these other cases are the form of any ‘framing’ sequence, error check pattern, and address interpretation.

All requests are sent via TCP on registered port 502.

The MODBUS ‘slave address’ field is replaced by a single byte ‘Unit Identifier’ which may be used to communicate via devices such as bridges and gateways which use a single IP address to support multiple independent end units.

The request and response are prefixed by six bytes as follows

- byte 0: transaction identifier - copied by server - usually 0
- byte 1: transaction identifier - copied by server - usually 0
- byte 2: protocol identifier = 0
- byte 3: protocol identifier = 0
- byte 4: length field (upper byte) = 0 (since all messages are smaller than 256)
- byte 5: length field (lower byte) = number of bytes following

byte 6: unit identifier (previously 'slave address')

byte 7: MODBUS function code

byte 8 on: data as needed

So an example transaction 'read 1 register at offset 4 from UI 9' returning a value of 5 would be

request: 00 00 00 00 00 06 09 03 00 04 00 01

response: 00 00 00 00 00 05 09 03 02 00 05

Designers familiar with MODBUS should note that the 'CRC-16' check fields are NOT needed in MODBUS/TCP. The TCP/IP and link layer (eg. Ethernet) checksum mechanisms instead are used to verify accurate delivery of the packet.

For examples, please see section 6 'Sample Code'. The only differences in these examples are the prefixed six bytes and removed CRC.