|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Byte** | **Bit** | **Data** | **Length (in bit)** | **Data Type** | **Notes** |
| 0 | 7-5 | Output Ch1 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 0 | 4-2 | Output Ch1 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 0 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 1 | 7-5 | Output Ch1 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 1 | 4-2 | Output Ch1 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 1 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 2 | 7-5 | Output Ch2 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 2 | 4-2 | Output Ch2 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 2 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 3 | 7-5 | Output Ch2 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 3 | 4-2 | Output Ch2 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 3 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 4 | 7-5 | Output Ch3 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 4 | 4-2 | Output Ch3 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 4 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 5 | 7-5 | Output Ch3 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 5 | 4-2 | Output Ch3 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 5 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 6 | 7-5 | Output Ch4 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 6 | 4-2 | Output Ch4 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 6 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 7 | 7-5 | Output Ch4 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 7 | 4-2 | Output Ch4 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 7 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 8 | 7-5 | Output Ch5 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 8 | 4-2 | Output Ch5 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 8 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 9 | 7-5 | Output Ch5 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 9 | 4-2 | Output Ch5 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 9 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 10 | 7-5 | Output Ch6 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 10 | 4-2 | Output Ch6 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 10 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 11 | 7-5 | Output Ch6 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 11 | 4-2 | Output Ch6 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 11 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 12 | 7-5 | Output Ch7 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 12 | 4-2 | Output Ch7 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 12 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 13 | 7-5 | Output Ch7 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 13 | 4-2 | Output Ch7 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 13 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 14 | 7-5 | Output Ch8 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 14 | 4-2 | Output Ch8 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 14 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 15 | 7-5 | Output Ch8 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 15 | 4-2 | Output Ch8 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 15 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 16 | 7-5 | Output Ch9 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 16 | 4-2 | Output Ch9 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 16 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 17 | 7-5 | Output Ch9 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 17 | 4-2 | Output Ch9 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 17 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 18 | 7-5 | Output Ch10 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 18 | 4-2 | Output Ch10 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 18 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 19 | 7-5 | Output Ch10 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 19 | 4-2 | Output Ch10 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 19 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 20 | 7-5 | Output Ch11 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 20 | 4-2 | Output Ch11 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 20 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 21 | 7-5 | Output Ch11 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 21 | 4-2 | Output Ch11 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 21 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 22 | 7-5 | Output Ch12 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 22 | 4-2 | Output Ch12 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 22 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 23 | 7-5 | Output Ch12 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 23 | 4-2 | Output Ch12 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 23 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 24 | 7-5 | Output Ch13 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 24 | 4-2 | Output Ch13 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 24 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 25 | 7-5 | Output Ch13 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 25 | 4-2 | Output Ch13 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 25 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 26 | 7-5 | Output Ch14 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 26 | 4-2 | Output Ch14 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 26 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 27 | 7-5 | Output Ch14 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 27 | 4-2 | Output Ch14 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 27 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 28 | 7-5 | Output Ch15 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 28 | 4-2 | Output Ch15 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 28 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 29 | 7-5 | Output Ch15 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 29 | 4-2 | Output Ch15 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 29 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 30 | 7-5 | Output Ch16 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 30 | 4-2 | Output Ch16 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 30 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 31 | 7-5 | Output Ch16 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 31 | 4-2 | Output Ch16 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 31 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 32 | 7-5 | Output Ch17 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 32 | 4-2 | Output Ch17 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 32 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 33 | 7-5 | Output Ch17 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 33 | 4-2 | Output Ch17 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 33 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 34 | 7-5 | Output Ch18 Frame Color | 3 | Information | 000: White |
| 001: Green |
| 010: Yellow |
| 011: Gray |
| 34 | 4-2 | Output Ch18 Voltage Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 34 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 35 | 7-5 | Output Ch18 Current Digit Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 100: Magenta |
| 35 | 4-2 | Output Ch18 Outflow Tube Color | 3 | Information | 000: White |
| 001: Green |
| 011: Gray |
| 35 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 36-37 | 15-0 | UTC Time MSW | 16 | Information | UTC Time Most Significant Word |
| 38-39 | 15-0 | UTC Time LSW | 16 | Information | UTC Time Least Significant Word |
| 40 | 7 | 270VDC ECBU-1 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 40 | 6 | 270VDC ECBU-1 Transient Status | 1 | Information | 0: No Transient |
| 1: Transient |
| 40 | 5 | Input (TRU) Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 40 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 41 | 7 | Control Card Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 41 | 6 | Switching Card 1 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 41 | 5 | Switching Card 2 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 41 | 4 | Switching Card 3 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 41 | 3 | Switching Card 4 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 41 | 2 | Switching Card 5 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 41 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 42 | 7 | Output Ch1 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 42 | 6 | Output Ch2 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 42 | 5 | Output Ch3 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 42 | 4 | Output Ch4 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 42 | 3 | Output Ch5 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 42 | 2 | Output Ch6 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 42 | 1 | Output Ch7 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 42 | 0 | Output Ch8 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 7 | Output Ch9 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 6 | Output Ch10 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 5 | Output Ch11 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 4 | Output Ch12 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 3 | Output Ch13 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 2 | Output Ch14 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 1 | Output Ch15 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 43 | 0 | Output Ch16 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 44 | 7 | Output Ch17 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 44 | 6 | Output Ch18 Health Status | 1 | Information | 0: No Error |
| 1: Error |
| 44 | 5-0 | Reserved | 6 | Reserved | Reserved |
| 45 | 7 | Control Card RS485 Communication Loss Ch1 | 1 | Information | 0: No Loss |
| 1: Loss |
| 45 | 6 | Control Card RS485 Communication Loss Ch2 | 1 | Information | 0: No Loss |
| 1: Loss |
| 45 | 5 | Switching Card 1 RS485 Communication Loss Ch1 | 1 | Information | 0: No Loss |
| 1: Loss |
| 45 | 4 | Switching Card 1 RS485 Communication Loss Ch2 | 1 | Information | 0: No Loss |
| 1: Loss |
| 45 | 3 | Switching Card 2 RS485 Communication Loss Ch1 | 1 | Information | 0: No Loss |
| 1: Loss |
| 45 | 2 | Switching Card 2 RS485 Communication Loss Ch2 | 1 | Information | 0: No Loss |
| 1: Loss |
| 45 | 1 | Switching Card 3 RS485 Communication Loss Ch1 | 1 | Information | 0: No Loss |
| 1: Loss |
| 45 | 0 | Switching Card 3 RS485 Communication Loss Ch2 | 1 | Information | 0: No Loss |
| 1: Loss |
| 46 | 7 | Switching Card 4 RS485 Communication Loss Ch1 | 1 | Information | 0: No Loss |
| 1: Loss |
| 46 | 6 | Switching Card 4 RS485 Communication Loss Ch2 | 1 | Information | 0: No Loss |
| 1: Loss |
| 46 | 5 | Switching Card 5 RS485 Communication Loss Ch1 | 1 | Information | 0: No Loss |
| 1: Loss |
| 46 | 4 | Switching Card 5 RS485 Communication Loss Ch2 | 1 | Information | 0: No Loss |
| 1: Loss |
| 46 | 3-0 | Reserved | 4 | Reserved | Reserved |
| 47-48 | 15-0 | Control Card Firmware Version | 16 | Information | Bit 15-12: Major Version Bit 11-8: Minor Version Bit 7-4: Bugfix Version Bit 3-0: Beta Version |
| 49-50 | 15-0 | Control Card Configuration Version | 16 | Information | Bit 15-8: Major Version Bit 7-0: Minor Version |
| 51-52 | 15-0 | Switching Card 1 Firmware Version | 16 | Information | Bit 15-12: Major Version Bit 11-8: Minor Version Bit 7-4: Bugfix Version Bit 3-0: Beta Version |
| 53-54 | 15-0 | Switching Card 2 Firmware Version | 16 | Information | Bit 15-12: Major Version Bit 11-8: Minor Version Bit 7-4: Bugfix Version Bit 3-0: Beta Version |
| 55-56 | 15-0 | Switching Card 3 Firmware Version | 16 | Information | Bit 15-12: Major Version Bit 11-8: Minor Version Bit 7-4: Bugfix Version Bit 3-0: Beta Version |
| 57-58 | 15-0 | Switching Card 4 Firmware Version | 16 | Information | Bit 15-12: Major Version Bit 11-8: Minor Version Bit 7-4: Bugfix Version Bit 3-0: Beta Version |
| 59-60 | 15-0 | Switching Card 5 Firmware Version | 16 | Information | Bit 15-12: Major Version Bit 11-8: Minor Version Bit 7-4: Bugfix Version Bit 3-0: Beta Version |
| 61 | 7-5 | EPS mode | 3 | Information | 000: Power-On Mode  001: Maintenance Mode 010: Operational Mode 011: Emergency Mode |
| 61 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 62-63 | 15-0 | Input (TRU) voltage value | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 64-65 | 15-0 | Reserved | 16 | Reserved | Reserved |
| 66-67 | 15-5 | TRU Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 66-67 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 68 | 7 | Input (TRU) over voltage alert | 1 | Alert | 0: No Error |
| 1: Error ( > 290V) |
| 68 | 6 | Input (TRU) under voltage alert | 1 | Alert | 0: No Error |
| 1: Error ( < 240V) |
| 68 | 5-0 | Reserved | 6 | Reserved | Reserved |
| 69-70 | 15-5 | Control Card Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 69-70 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 71-72 | 15-5 | Switching Card 1 Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 71-72 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 73-74 | 15-5 | Switching Card 2 Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 73-74 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 75-76 | 15-5 | Switching Card 3 Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 75-76 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 77-78 | 15-5 | Switching Card 4 Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 77-78 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 79-80 | 15-5 | Switching Card 5 Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 79-80 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 81-82 | 15-5 | Carrier Card Temperature value | 11 | Information | Resolution: 0.125 (℃) Bit 15: Sign Bit; 0 for positive values: (+Temp data x 0.125 ℃) 1 for negative values: (-(2's Complement of Temp Data) x 0.125 ℃) |
| 81-82 | 4-0 | Reserved | 5 | Reserved | Reserved |
| 83 | 7 | Control Card Temperature High Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( > +70 ℃) |
| 83 | 6 | Control Card Temperature Low Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( < -20 ℃) |
| 83 | 5 | Switching Card 1 Temperature High Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( > +70 ℃) |
| 83 | 4 | Switching Card 1 Temperature Low Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( < -20 ℃) |
| 83 | 3 | Switching Card 2 Temperature High Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( > +70 ℃) |
| 83 | 2 | Switching Card 2 Temperature Low Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( < -20 ℃) |
| 83 | 1 | Switching Card 3 Temperature High Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( > +70 ℃) |
| 83 | 0 | Switching Card 3 Temperature Low Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( < -20 ℃) |
| 84 | 7 | Switching Card 4 Temperature High Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( > +70 ℃) |
| 84 | 6 | Switching Card 4 Temperature Low Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( < -20 ℃) |
| 84 | 5 | Switching Card 5 Temperature High Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( > +70 ℃) |
| 84 | 4 | Switching Card 5 Temperature Low Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( < -20 ℃) |
| 84 | 3 | Carrier Card Temperature High Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( > +70 ℃) |
| 84 | 2 | Carrier Card Temperature Low Warning | 1 | Warning | 0: No Warning |
| 1: Warning ( < -20 ℃) |
| 84 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 85 | 7 | Control Card Temperature high alert | 1 | Alert | 0: No Error |
| 1: Error ( > +80 ℃) |
| 85 | 6 | Control Card Temperature low alert | 1 | Alert | 0: No Error |
| 1: Error ( < -30 ℃) |
| 85 | 5 | Switching Card 1 Temperature high alert | 1 | Alert | 0: No Error |
| 1: Error ( > +80 ℃) |
| 85 | 4 | Switching Card 1 Temperature low alert | 1 | Alert | 0: No Error |
| 1: Error ( < -30 ℃) |
| 85 | 3 | Switching Card 2 Temperature high alert | 1 | Alert | 0: No Error |
| 1: Error ( > +80 ℃) |
| 85 | 2 | Switching Card 2 Temperature low alert | 1 | Alert | 0: No Error |
| 1: Error ( < -30 ℃) |
| 85 | 1 | Switching Card 3 Temperature high alert | 1 | Alert | 0: No Error |
| 1: Error ( > +80 ℃) |
| 85 | 0 | Switching Card 3 Temperature low alert | 1 | Alert | 0: No Error |
| 1: Error ( < -30 ℃) |
| 86 | 7 | Switching Card 4 Temperature high alert | 1 | Alert | 0: No Error |
| 1: Error ( > +80 ℃) |
| 86 | 6 | Switching Card 4 Temperature low alert | 1 | Alert | 0: No Error |
| 1: Error ( < -30 ℃) |
| 86 | 5 | Switching Card 5 Temperature high alert | 1 | Alert | 0: No Error |
| 1: Error ( > +80 ℃) |
| 86 | 4 | Switching Card 5 Temperature low alert | 1 | Alert | 0: No Error |
| 1: Error ( < -30 ℃) |
| 86 | 3 | Carrier Card Temperature high alert | 1 | Alert | 0: No Error |
| 1: Error ( > +80 ℃) |
| 86 | 2 | Carrier Card Temperature low alert | 1 | Alert | 0: No Error |
| 1: Error ( < -30 ℃) |
| 86 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 87-88 | 15-0 | Output voltage value Ch1 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 89-90 | 15-0 | Output current value Ch1 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 91 | 7-6 | Output on/off/lockout status Ch1 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 91 | 5 | Output feedback status Ch1 | 1 | Alert | 0: No Error |
| 1: Error |
| 91 | 3 | Output short circuit alert Ch1 | 1 | Alert | 0: No Error |
| 1: Error |
| 91 | 2 | Output over voltage alert Ch1 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 91 | 2 | Output under voltage alert Ch1 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 91 | 1 | Output over current alert Ch1 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 91 | 0 | Reserved | 1 | Reserved | Reserved |
| 92-93 | 15-0 | Output voltage value Ch2 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 94-95 | 15-0 | Output current value Ch2 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 96 | 7-6 | Output on/off/lockout status Ch2 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 96 | 5 | Output feedback status Ch2 | 1 | Alert | 0: No Error |
| 1: Error |
| 96 | 3 | Output short circuit alert Ch2 | 1 | Alert | 0: No Error |
| 1: Error |
| 96 | 2 | Output over voltage alert Ch2 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 96 | 2 | Output under voltage alert Ch2 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 96 | 1 | Output over current alert Ch2 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 96 | 0 | Reserved | 1 | Reserved | Reserved |
| 97-98 | 15-0 | Output voltage value Ch3 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 99-100 | 15-0 | Output current value Ch3 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 101 | 7-6 | Output on/off/lockout status Ch3 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 101 | 5 | Output feedback status Ch3 | 1 | Alert | 0: No Error |
| 1: Error |
| 101 | 3 | Output short circuit alert Ch3 | 1 | Alert | 0: No Error |
| 1: Error |
| 101 | 2 | Output over voltage alert Ch3 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 101 | 2 | Output under voltage alert Ch3 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 101 | 1 | Output over current alert Ch3 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 101 | 0 | Reserved | 1 | Reserved | Reserved |
| 102-103 | 15-0 | Output voltage value Ch4 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 104-105 | 15-0 | Output current value Ch4 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 106 | 7-6 | Output on/off/lockout status Ch4 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 106 | 5 | Output feedback status Ch4 | 1 | Alert | 0: No Error |
| 1: Error |
| 106 | 3 | Output short circuit alert Ch4 | 1 | Alert | 0: No Error |
| 1: Error |
| 106 | 2 | Output over voltage alert Ch4 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 106 | 2 | Output under voltage alert Ch4 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 106 | 1 | Output over current alert Ch4 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 106 | 0 | Reserved | 1 | Reserved | Reserved |
| 107-108 | 15-0 | Output voltage value Ch5 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 109-110 | 15-0 | Output current value Ch5 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 111 | 7-6 | Output on/off/lockout status Ch5 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 111 | 5 | Output feedback status Ch5 | 1 | Alert | 0: No Error |
| 1: Error |
| 111 | 3 | Output short circuit alert Ch5 | 1 | Alert | 0: No Error |
| 1: Error |
| 111 | 2 | Output over voltage alert Ch5 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 111 | 2 | Output under voltage alert Ch5 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 111 | 1 | Output over current alert Ch5 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 111 | 0 | Reserved | 1 | Reserved | Reserved |
| 112-113 | 15-0 | Output voltage value Ch6 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 114-115 | 15-0 | Output current value Ch6 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 116 | 7-6 | Output on/off/lockout status Ch6 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 116 | 5 | Output feedback status Ch6 | 1 | Alert | 0: No Error |
| 1: Error |
| 116 | 3 | Output short circuit alert Ch6 | 1 | Alert | 0: No Error |
| 1: Error |
| 116 | 2 | Output over voltage alert Ch6 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 116 | 2 | Output under voltage alert Ch6 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 116 | 1 | Output over current alert Ch6 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 116 | 0 | Reserved | 1 | Reserved | Reserved |
| 117-118 | 15-0 | Output voltage value Ch7 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 119-120 | 15-0 | Output current value Ch7 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 121 | 7-6 | Output on/off/lockout status Ch7 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 121 | 5 | Output feedback status Ch7 | 1 | Alert | 0: No Error |
| 1: Error |
| 121 | 3 | Output short circuit alert Ch7 | 1 | Alert | 0: No Error |
| 1: Error |
| 121 | 2 | Output over voltage alert Ch7 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 121 | 2 | Output under voltage alert Ch7 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 121 | 1 | Output over current alert Ch7 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 121 | 0 | Reserved | 1 | Reserved | Reserved |
| 122-123 | 15-0 | Output voltage value Ch8 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 124-125 | 15-0 | Output current value Ch8 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 126 | 7-6 | Output on/off/lockout status Ch8 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 126 | 5 | Output feedback status Ch8 | 1 | Alert | 0: No Error |
| 1: Error |
| 126 | 3 | Output short circuit alert Ch8 | 1 | Alert | 0: No Error |
| 1: Error |
| 126 | 2 | Output over voltage alert Ch8 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 126 | 2 | Output under voltage alert Ch8 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 126 | 1 | Output over current alert Ch8 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 126 | 0 | Reserved | 1 | Reserved | Reserved |
| 127-128 | 15-0 | Output voltage value Ch9 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 129-130 | 15-0 | Output current value Ch9 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 131 | 7-6 | Output on/off/lockout status Ch9 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 131 | 5 | Output feedback status Ch9 | 1 | Alert | 0: No Error |
| 1: Error |
| 131 | 3 | Output short circuit alert Ch9 | 1 | Alert | 0: No Error |
| 1: Error |
| 131 | 2 | Output over voltage alert Ch9 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 131 | 2 | Output under voltage alert Ch9 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 131 | 1 | Output over current alert Ch9 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 131 | 0 | Reserved | 1 | Reserved | Reserved |
| 132-133 | 15-0 | Output voltage value Ch10 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 134-135 | 15-0 | Output current value Ch10 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 136 | 7-6 | Output on/off/lockout status Ch10 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 136 | 5 | Output feedback status Ch10 | 1 | Alert | 0: No Error |
| 1: Error |
| 136 | 3 | Output short circuit alert Ch10 | 1 | Alert | 0: No Error |
| 1: Error |
| 136 | 2 | Output over voltage alert Ch10 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 136 | 2 | Output under voltage alert Ch10 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 136 | 1 | Output over current alert Ch10 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 136 | 0 | Reserved | 1 | Reserved | Reserved |
| 137-138 | 15-0 | Output voltage value Ch11 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 139-140 | 15-0 | Output current value Ch11 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 141 | 7-6 | Output on/off/lockout status Ch11 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 141 | 5 | Output feedback status Ch11 | 1 | Alert | 0: No Error |
| 1: Error |
| 141 | 3 | Output short circuit alert Ch11 | 1 | Alert | 0: No Error |
| 1: Error |
| 141 | 2 | Output over voltage alert Ch11 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 141 | 2 | Output under voltage alert Ch11 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 141 | 1 | Output over current alert Ch11 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 141 | 0 | Reserved | 1 | Reserved | Reserved |
| 142-143 | 15-0 | Output voltage value Ch12 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 144-145 | 15-0 | Output current value Ch12 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 146 | 7-6 | Output on/off/lockout status Ch12 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 146 | 5 | Output feedback status Ch12 | 1 | Alert | 0: No Error |
| 1: Error |
| 146 | 3 | Output short circuit alert Ch12 | 1 | Alert | 0: No Error |
| 1: Error |
| 146 | 2 | Output over voltage alert Ch12 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 146 | 2 | Output under voltage alert Ch12 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 146 | 1 | Output over current alert Ch12 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 146 | 0 | Reserved | 1 | Reserved | Reserved |
| 147-148 | 15-0 | Output voltage value Ch13 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 149-150 | 15-0 | Output current value Ch13 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 151 | 7-6 | Output on/off/lockout status Ch13 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 151 | 5 | Output feedback status Ch13 | 1 | Alert | 0: No Error |
| 1: Error |
| 151 | 3 | Output short circuit alert Ch13 | 1 | Alert | 0: No Error |
| 1: Error |
| 151 | 2 | Output over voltage alert Ch13 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 151 | 2 | Output under voltage alert Ch13 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 151 | 1 | Output over current alert Ch13 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 151 | 0 | Reserved | 1 | Reserved | Reserved |
| 152-153 | 15-0 | Output voltage value Ch14 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 154-155 | 15-0 | Output current value Ch14 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 156 | 7-6 | Output on/off/lockout status Ch14 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 156 | 5 | Output feedback status Ch14 | 1 | Alert | 0: No Error |
| 1: Error |
| 156 | 3 | Output short circuit alert Ch14 | 1 | Alert | 0: No Error |
| 1: Error |
| 156 | 2 | Output over voltage alert Ch14 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 156 | 2 | Output under voltage alert Ch14 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 156 | 1 | Output over current alert Ch14 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 156 | 0 | Reserved | 1 | Reserved | Reserved |
| 157-158 | 15-0 | Output voltage value Ch15 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 159-160 | 15-0 | Output current value Ch15 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 161 | 7-6 | Output on/off/lockout status Ch15 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 161 | 5 | Output feedback status Ch15 | 1 | Alert | 0: No Error |
| 1: Error |
| 161 | 3 | Output short circuit alert Ch15 | 1 | Alert | 0: No Error |
| 1: Error |
| 161 | 2 | Output over voltage alert Ch15 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 161 | 2 | Output under voltage alert Ch15 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 161 | 1 | Output over current alert Ch15 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 161 | 0 | Reserved | 1 | Reserved | Reserved |
| 162-163 | 15-0 | Output voltage value Ch16 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 164-165 | 15-0 | Output current value Ch16 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 166 | 7-6 | Output on/off/lockout status Ch16 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 166 | 5 | Output feedback status Ch16 | 1 | Alert | 0: No Error |
| 1: Error |
| 166 | 3 | Output short circuit alert Ch16 | 1 | Alert | 0: No Error |
| 1: Error |
| 166 | 2 | Output over voltage alert Ch16 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 166 | 2 | Output under voltage alert Ch16 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 166 | 1 | Output over current alert Ch16 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 166 | 0 | Reserved | 1 | Reserved | Reserved |
| 167-168 | 15-0 | Output voltage value Ch17 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 169-170 | 15-0 | Output current value Ch17 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 171 | 7-6 | Output on/off/lockout status Ch17 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 171 | 5 | Output feedback status Ch17 | 1 | Alert | 0: No Error |
| 1: Error |
| 171 | 3 | Output short circuit alert Ch17 | 1 | Alert | 0: No Error |
| 1: Error |
| 171 | 2 | Output over voltage alert Ch17 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 171 | 2 | Output under voltage alert Ch17 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 171 | 1 | Output over current alert Ch17 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 171 | 0 | Reserved | 1 | Reserved | Reserved |
| 172-173 | 15-0 | Output voltage value Ch18 | 16 | Information | Range : 0 to 4095 Resolution : 123 mV Max Value : 503.685 V Min Value : 0 V |
| 174-175 | 15-0 | Output current value Ch18 | 16 | Information | Range : 0 to 65355 Resolution : 10.8 mA Max Value : 100 A Min Value : 0 A |
| 176 | 7-6 | Output on/off/lockout status Ch18 | 2 | Information | 00: Off |
| 01: On |
| 10: Lockout |
| 176 | 5 | Output feedback status Ch18 | 1 | Alert | 0: No Error |
| 1: Error |
| 176 | 3 | Output short circuit alert Ch18 | 1 | Alert | 0: No Error |
| 1: Error |
| 176 | 2 | Output over voltage alert Ch18 | 1 | Alert | 0: No Error |
| 1: ( > 290 V) |
| 176 | 2 | Output under voltage alert Ch18 | 1 | Alert | 0: No Error |
| 1: Error ( < 240 V) |
| 176 | 1 | Output over current alert Ch18 | 1 | Alert | 0: No Error |
| 1: Error (For detail, check 177th Byte and below) |
| 176 | 0 | Reserved | 1 | Reserved | Reserved |
| 177 | 7 | Output over current alert Ch1 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 177 | 6 | Output over current alert Ch1 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 177 | 5 | Output over current alert Ch1 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 177 | 4 | Output over current alert Ch2 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 177 | 3 | Output over current alert Ch2 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 177 | 2 | Output over current alert Ch2 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 177 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 178 | 7 | Output over current alert Ch3 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 178 | 6 | Output over current alert Ch3 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 178 | 5 | Output over current alert Ch3 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 178 | 4 | Output over current alert Ch4 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 178 | 3 | Output over current alert Ch4 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 178 | 2 | Output over current alert Ch4 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 178 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 179 | 7 | Output over current alert Ch5 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 179 | 6 | Output over current alert Ch5 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 179 | 5 | Output over current alert Ch5 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 179 | 4 | Output over current alert Ch6 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 179 | 3 | Output over current alert Ch6 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 179 | 2 | Output over current alert Ch6 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 179 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 180 | 7 | Output over current alert Ch7 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 180 | 6 | Output over current alert Ch7 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 180 | 5 | Output over current alert Ch7 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 180 | 4 | Output over current alert Ch8 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 180 | 3 | Output over current alert Ch8 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 180 | 2 | Output over current alert Ch8 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 180 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 181 | 7 | Output over current alert Ch9 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 181 | 6 | Output over current alert Ch9 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 181 | 5 | Output over current alert Ch9 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 181 | 4 | Output over current alert Ch10 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 181 | 3 | Output over current alert Ch10 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 181 | 2 | Output over current alert Ch10 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 181 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 182 | 7 | Output over current alert Ch11 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 182 | 6 | Output over current alert Ch11 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 182 | 5 | Output over current alert Ch11 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 182 | 4 | Output over current alert Ch12 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 182 | 3 | Output over current alert Ch12 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 182 | 2 | Output over current alert Ch12 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 182 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 183 | 7 | Output over current alert Ch13 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 183 | 6 | Output over current alert Ch13 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 183 | 5 | Output over current alert Ch13 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 183 | 4 | Output over current alert Ch14 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 183 | 3 | Output over current alert Ch14 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 183 | 2 | Output over current alert Ch14 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 183 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 184 | 7 | Output over current alert Ch15 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 184 | 6 | Output over current alert Ch15 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 184 | 5 | Output over current alert Ch15 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 184 | 4 | Output over current alert Ch16 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 184 | 3 | Output over current alert Ch16 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 184 | 2 | Output over current alert Ch16 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 184 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 185 | 7 | Output over current alert Ch17 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 185 | 6 | Output over current alert Ch17 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 185 | 5 | Output over current alert Ch17 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 185 | 4 | Output over current alert Ch18 I2T Level 1 | 1 | Alert | 0: No Error |
| 1: Error |
| 185 | 3 | Output over current alert Ch18 I2T Level 2 | 1 | Alert | 0: No Error |
| 1: Error |
| 185 | 2 | Output over current alert Ch18 I2T Level 3 | 1 | Alert | 0: No Error |
| 1: Error |
| 185 | 1-0 | Reserved | 2 | Reserved | Reserved |
| 186 | 7 | Output Lockout Status Ch1 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 186 | 6 | Output Lockout Status Ch2 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 186 | 5 | Output Lockout Status Ch3 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 186 | 4 | Output Lockout Status Ch4 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 186 | 3 | Output Lockout Status Ch5 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 186 | 2 | Output Lockout Status Ch6 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 186 | 1 | Output Lockout Status Ch7 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 186 | 0 | Output Lockout Status Ch8 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 7 | Output Lockout Status Ch9 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 6 | Output Lockout Status Ch10 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 5 | Output Lockout Status Ch11 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 4 | Output Lockout Status Ch12 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 3 | Output Lockout Status Ch13 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 2 | Output Lockout Status Ch14 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 1 | Output Lockout Status Ch15 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 187 | 0 | Output Lockout Status Ch16 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 188 | 7 | Output Lockout Status Ch17 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 188 | 6 | Output Lockout Status Ch18 | 1 | Information | 0: Unlocked |
| 1: Locked |
| 188 | 5-0 | Reserved | 6 | Reserved | Reserved |
|
| 189 | 7 | GND/OPEN Discrete Input-1 | 1 | Information | 1: Ground |
| 0: Open |
| 189 | 6 | GND/OPEN Discrete Input-2 | 1 | Information | 1: Ground |
| 0: Open |
| 189 | 5 | GND/OPEN Discrete Input-3 | 1 | Information | 1: Ground |
| 0: Open |
| 189 | 4 | 28VDC/OPEN Discrete Input-1 | 1 | Information | 1: 28VDC |
| 0: OPEN |
| 189 | 3 | 28VDC/OPEN Discrete Input-2 | 1 | Information | 1: 28VDC |
| 0: OPEN |
| 189 | 2-0 | Reserved | 3 | Reserved | Reserved |
| 190 | 7 | GND/OPEN Discrete Output-1 | 1 | Information | 1: Ground |
| 0: Open |
| 190 | 6 | GND/OPEN Discrete Output-2 | 1 | Information | 1: Ground |
| 0: Open |
| 190 | 5 | 28VDC/OPEN Discrete Output-1 | 1 | Information | 1: 28VDC |
| 0: OPEN |
| 190 | 4-0 | Reserved | 5 | Reserved | Reserved |