

| AUX Auxiliary Channel (Used with NEWARE charging and discharge equipment) |                              |                                                                                                                                                                         |
|---------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment and material code:                                              |                              | CA-4008n -1U-5VT-TC                                                                                                                                                     |
| Indicator project                                                         |                              | Indicator parameters                                                                                                                                                    |
| test items                                                                |                              | Voltage, temperature                                                                                                                                                    |
| voltage                                                                   | test specification           | 0V~5V                                                                                                                                                                   |
|                                                                           | accuracy                     | $\pm 0.05\%$ of FS                                                                                                                                                      |
| temperature                                                               | test specification           | Thermistor: $-30^{\circ}\text{C} \sim 120^{\circ}\text{C}$<br>Thermocouple: $-200^{\circ}\text{C} \sim 260^{\circ}\text{C}$                                             |
|                                                                           | accuracy                     | $\pm 1^{\circ}\text{C}$ (within 2m of line length)                                                                                                                      |
|                                                                           | temperature resolution       | $0^{\circ}\text{C}.1$                                                                                                                                                   |
| frequency of sampling                                                     | time                         | 10Hz (100ms)                                                                                                                                                            |
| It can be realized with the equipment                                     | Charge / discharge off:      | Voltage, temperature                                                                                                                                                    |
|                                                                           | Protection conditions:       | Temperature limit, temperature limit, voltage limit, voltage limit, single cell voltage difference                                                                      |
|                                                                           | presentation of information: | Excel, TXT (temperature, voltage bound to test data of main channel)                                                                                                    |
|                                                                           | Channel mapping:             | The secondary channel can be bound to any main channel under the same middle machine.                                                                                   |
| communication mode                                                        |                              | RS485                                                                                                                                                                   |
| IP levels of protection                                                   |                              | Protection level is IP20                                                                                                                                                |
| Number of machine channels                                                |                              | 8                                                                                                                                                                       |
| Number of temperature auxiliary channels per primary channel              |                              | Optional (1~248)                                                                                                                                                        |
| Number of voltage-assisted channels per primary channel                   |                              | Optional (1~248)                                                                                                                                                        |
| Equipment working environment requirements                                |                              |                                                                                                                                                                         |
| Indicator project                                                         |                              | Indicator parameters                                                                                                                                                    |
| operating temperature range                                               |                              | $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$ (within $25 \pm 10^{\circ}\text{C}$ , guarantee measurement accuracy: accuracy drift $0.005\%$ of FS / $^{\circ}\text{C}$ ) |
| Storage temperature range                                                 |                              | $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$                                                                                                                           |
| Relative humidity range of the working environment                        |                              | 70% RH (no moisture condensation)                                                                                                                                       |
| Storage environment relative humidity range                               |                              | 80% RH (no moisture condensation)                                                                                                                                       |

| Grilamp specifications and dimensions |                                                                                     |                                                                                    |                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Indicator project                     | Indicator parameters                                                                |                                                                                    |                                                                                     |
| Probe type                            | Thermocouple, thermistor                                                            |                                                                                    |                                                                                     |
| Probe pictures                        |    |  |  |
|                                       | thermal resistor                                                                    | Type K thermocouple                                                                | T type thermocouple                                                                 |
|                                       | Pictures are for reference only, subject to the physical object                     |                                                                                    |                                                                                     |
| Case size per unit (W * D * H) (mm)   | 1U (19") 442*150*46                                                                 |                                                                                    |                                                                                     |
| Device pictures                       |  |                                                                                    |                                                                                     |
|                                       | Pictures are for reference only, subject to the physical object                     |                                                                                    |                                                                                     |