

## Product Description

The PROSE ICS Master Unit is the main control unit of the ICS Extension Unit. It uses point to multi-points communication modes to centralized monitoring work state of management units, real-time access to the monitoring information that from management unit to low-level expansion devices. After collecting and processing relative information, master synchronously upload corresponding information to OMC management software through IP network. Meanwhile, the ICS Master Unit integrates with the function of the PC server that can pre-installed OMC software, this technology eliminates the extra cost of the server and debugging time on site.

## Main Characteristics

- Can connect 24 groups of expansion units, using ordinary 8-core twisted pair cable connection (RJ45 interface).
- Can collect the port information of each expansion unit and its subordinate scanning unit.
- Can analyze and process the information of each port of the distribution frame system in real time, including equipment status, jumper connection status, etc.
- Provide standard Ethernet network interface, using special cables, better stability and durability.

## Product Outline



## Mechanical Parameters

|                  |                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size             | 1 HU x 19"                                                                                                                                                               |
|                  | W x D x H : 482mm x 260mm x 44mm                                                                                                                                         |
| Materials        | Aluminum + Plastic (Panel)                                                                                                                                               |
| Weight           | ≤3kg                                                                                                                                                                     |
| Interface Type   | RS422 interface *24: for connecting Management Unit                                                                                                                      |
|                  | USB interface*2: for external devices, such as keyboard, mouse, mass storage.                                                                                            |
|                  | Network interface*1: for connecting to switch using 8-pin RJ45 jumper.                                                                                                   |
|                  | Network interface*1: connecting to display device.                                                                                                                       |
| Status Indicator |  POWER (Blue): When power supply is normal, the indicator is always on.               |
|                  |  RUN (Blue): When the monitoring master run normally, the indicator is slow-flashing. |

|  |                                                                                                                                                        |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  TASK (Blue): When there are tasks, the indicator is always on.       |
|  |  ALARM (Red): When wiring ports abnormal, the indicator is always on. |

## Electrical Parameters

| Input Parameter  |                       |
|------------------|-----------------------|
| Voltage range    | 85~264VAC             |
| efficiency       | 83%                   |
| Inrush current   | Cold boot: 33A/230VAC |
| Leakage current  | <2mA/240VAC           |
| Output Parameter |                       |
| DC voltage       | 6V                    |
| Rated current    | 12A                   |
| Current range    | 0~12A                 |
| Rated power      | 72W                   |
| Voltage accuracy | -2.0%~+2.0%           |

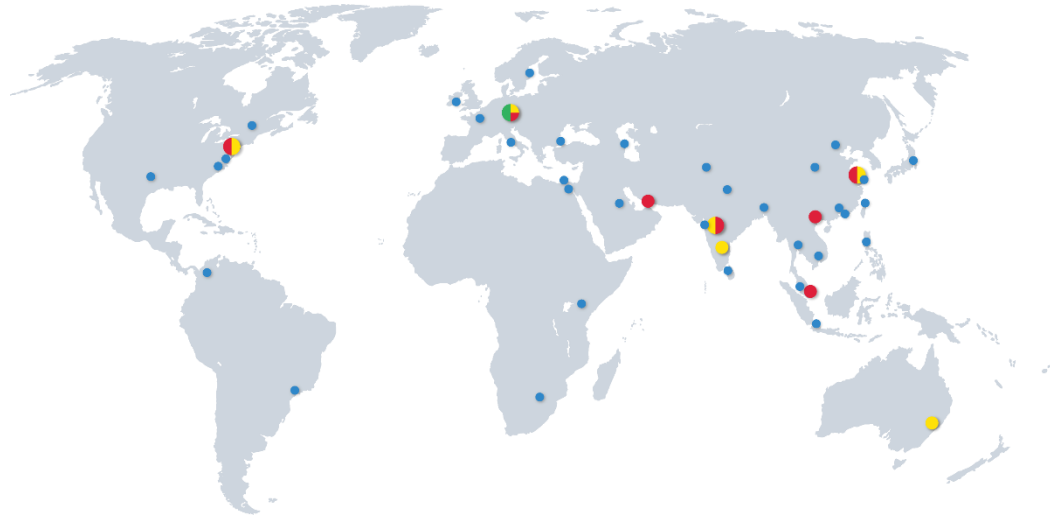
## Environmental Parameters

| Item                    | Description     |
|-------------------------|-----------------|
| Operation temperature   | -20℃ to +55℃    |
| Operation humidity      | 20~90%RH        |
| Storage temperature     | -25℃ to +65℃    |
| Storage humidity        | 10-95%RH        |
| Temperature coefficient | -0.03%~+0.03%/℃ |

## Ordering Information

| Part Number | Description                                |
|-------------|--------------------------------------------|
| NMU-G4-01   | ICS Master Unit, Prose-IV series, with IPC |

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