

# Product datasheet

Specifications



## Enerlin'X IFE switchboard server, Ethernet interface and gateway

LV434002

### Main

|                           |  |
|---------------------------|--|
| Device short name         | IFE  |
| Product or component type | Interface module   |
| Range compatibility       | Masterpact MasterPact MTZ<br>Masterpact MasterPact NT<br>Masterpact MasterPact NW<br>ComPact ComPact NSX<br>ComPact ComPact NS630b...1600<br>ComPact ComPact NS1600b...3200<br>PowerPact PowerPact J<br>PowerPact PowerPact L<br>PowerPact PowerPact H<br>PowerPact PowerPact P<br>PowerPact PowerPact R |

### Complementary

|                            |   |
|----------------------------|---|
| Communication network type | Ethernet, Modbus TCP/IP, HTTP, FTP, SMTP, NTP, SNMP10/100 Mbit/s on 2-port RJ45<br>Universal Logic Plug on 2-port RJ45<br>Modbus TCP/IP, Modbus TCP master9.6...38.4 kbauds |
| Communication gateway      | Ethernet TCP/IP to Modbus   |
| Web server                 | Embedded HTTP server  |
| Mounting mode              | By clips  |
| Mounting support           | 35 mm DIN rail  |
| Control type               | By software   |
| [Us] rated supply voltage  | 24 V DC - 20...10 %   |
| Maximum supply current     | 3 A   |
| Current consumption        | 120 mA  |
| Connections - terminals    | RJ45 connector  |
| Product certifications     | CE<br>GOST<br>cULus<br>FCC  |
| Standards                  | IEC 60947-6-2<br>UL 508<br>UL 60950<br>IEC 60950  |
| Height                     | 105 mm  |
| Width                      | 72 mm   |
| Depth                      | 71 mm   |
| Net weight                 | 182.5 g   |

|                                    |   |
|------------------------------------|---|
| Accessory / separate part category | Spare part for Compact NS630b...1600<br>Spare part for Compact NS1600b...3200 |
|------------------------------------|---|

## Environment

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | Connectors: IP2X<br>Other parts: IP3x<br>Front panel: IP4X                                |
| Relative humidity                     | 5...85 %  |
| Ambient air temperature for storage   | -40...85 °C   |
| Ambient air temperature for operation | -20...70 °C   |
| Pollution degree                      | 3   |
| Flame retardance                      | V0 conforming to UL 94<br>V0 conforming to IEC 60947-1<br>V0 conforming to IEC 60695-2-11 |
| Shock resistance                      | 1000 m/s²   |
| Vibration frequency                   | 5...8.4 Hz  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 7.1 cm    |
| Package 1 Width              | 7.2 cm    |
| Package 1 Length             | 10.5 cm   |
| Package 1 Weight             | 188.0 g   |
| Unit Type of Package 2       | P06       |
| Number of Units in Package 2 | 192       |
| Package 2 Height             | 60.0 cm   |
| Package 2 Width              | 80.0 cm   |
| Package 2 Length             | 70.0 cm   |
| Package 2 Weight             | 61.786 kg |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 24        |
| Package 3 Height             | 30.0 cm   |
| Package 3 Width              | 30.0 cm   |
| Package 3 Length             | 40.0 cm   |
| Package 3 Weight             | 6.723 kg  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | <a href="#">Yes</a>   |

|                             |   |
|-----------------------------|---|
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile         | <a href="#">End of Life Information</a>   |
| WEEE                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| PVC free                    | Yes   |
| Halogen content performance | Halogen free plastic parts product  |

Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Recommended replacement(s)