**Product data sheet**

**LV434001**

**Enerlin'X IFE, Ethernet interface for circuit breakers**

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**Main**

<table>
<thead>
<tr>
<th>Device short name</th>
<th>IFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product or component type</td>
<td>Interface module</td>
</tr>
</tbody>
</table>
| Range compatibility | Compact NS630b...1600  
Masterpact NT  
Compact NS1600b...3200  
Masterpact NW  
Compact NSX  
PowerPact P  
PowerPact L  
PowerPact J  
PowerPact H  
Masterpact MTZ |

**Complementary**

| Communication network type | Ethernet, Modbus TCP/IP, HTTP, FTP, SMTP, NTP, SNMP 10/100 Mbit/s on 2-port RJ45  
Universal Logic Plug on 2-port RJ45 |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Web server</td>
<td>Embedded HTTP server</td>
</tr>
<tr>
<td>Mounting mode</td>
<td>By clips</td>
</tr>
<tr>
<td>Mounting support</td>
<td>35 mm DIN rail</td>
</tr>
<tr>
<td>Control type</td>
<td>By software</td>
</tr>
<tr>
<td>[Us] rated supply voltage</td>
<td>24 V DC - 20...10 %</td>
</tr>
<tr>
<td>Maximum supply current</td>
<td>3 A</td>
</tr>
<tr>
<td>Current consumption</td>
<td>120 mA</td>
</tr>
<tr>
<td>Connections - terminals</td>
<td>RJ45 connector</td>
</tr>
</tbody>
</table>
| Product certifications      | GOST  
CULus  
FCC  
CE |
| Standards                   | UL 60950  
UL 508  
IEC 60947-6-2  
IEC 60950 |

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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
<table>
<thead>
<tr>
<th><strong>Height</strong></th>
<th>105 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width</strong></td>
<td>72 mm</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>71 mm</td>
</tr>
<tr>
<td><strong>Net weight</strong></td>
<td>182.5 g</td>
</tr>
</tbody>
</table>

**Accessory / separate part category**
- Spare part for Compact NS630b...1600
- Spare part for Compact NS1600b...3200

### Environment

| **IP degree of protection** | Connectors: IP2x  
Other parts: IP3x  
Front panel: IP4X |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Relative humidity</strong></td>
<td>5…85 %</td>
</tr>
<tr>
<td><strong>Ambient air temperature for storage</strong></td>
<td>-40…85 °C</td>
</tr>
<tr>
<td><strong>Ambient air temperature for operation</strong></td>
<td>-20…70 °C</td>
</tr>
<tr>
<td><strong>Pollution degree</strong></td>
<td>3</td>
</tr>
</tbody>
</table>
| **Flame retardance** | V0 conforming to UL 94  
V0 conforming to IEC 60947-1  
V0 conforming to IEC 60695-2-11 |
| **Shock resistance** | 1000 m/s² |
| **Vibration frequency** | 5…8.4 Hz |

### Offer Sustainability

<table>
<thead>
<tr>
<th><strong>Sustainable offer status</strong></th>
<th>Green Premium product</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REACH Regulation</strong></td>
<td>REACH Declaration</td>
</tr>
</tbody>
</table>
| **EU RoHS Directive** | Compliant  
EU RoHS Declaration |
| **Mercury free** | Yes |
| **RoHS exemption information** | Yes |
| **China RoHS Regulation** | China RoHS declaration  
Product out of China RoHS scope. Substance declaration for your information |

### Contractual warranty

| **Warranty** | 18 months |