

# TXF700 HMI Series Accessories

## PoE Injector (DIN Rail)

### Max. 36-W PoE Output Power

### PSU20-POE-36W01

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| Type                         | PSU20-POE-36W01                                         |
| ID                           | 100017850                                               |
| <b>Interfaces</b>            |                                                         |
| Ethernet                     | 2 x 10/100 Mbit                                         |
| <b>Power over Ethernet</b>   |                                                         |
| PoE standard                 | IEEE 802.3af (PoE)<br>IEEE 802.3at (PoE+)               |
| Output voltage               | 54 VDC                                                  |
| Output power                 | ≤ 36 W                                                  |
| <b>Power supply</b>          |                                                         |
| Rated value                  | 24 VDC reverse-polarity protected, max. 2.0 A           |
| Admissible voltage range     | 18...32 VDC                                             |
| Efficiency                   | 80 %                                                    |
| Short-circuit behaviour      | Device shutdown                                         |
| Overload protection          | Yes                                                     |
| <b>General data</b>          |                                                         |
| Operating ambient conditions | -20...55 °C, 5...85 % relative humidity, non-condensing |
| Storage ambient conditions   | -30...80 °C, 5...85 % relative humidity, non-condensing |
| Approvals                    | CE<br>cULus                                             |
| Protection class             | IP20                                                    |
| <b>Dimensions</b>            |                                                         |
| Front (W x H x D)            | 80 x 28 x 120 mm                                        |
| Weight                       | approx. 0.35 kg                                         |



- Power and data supply for Power over Ethernet
- Robust design
- Mounting via DIN rail
- Ethernet with 10/100 Mbps
- Reverse-polarity protected and short-circuit proof
- Surge protection and overcurrent protection

Connection and pin assignment

|  |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Ethernet</b><br/>Ethernet port (PoE/OUT) with 10/100 Mbps</p> <p><b>Ethernet</b><br/>Ethernet port (IN) with 10/100 Mbps</p> <p><b>Power Supply</b><br/>The power supply connector is delivered with the device</p> | <p>Pin Assignment</p> <div><p>12345678</p></div> <div><p>1 = TX +<br/>2 = TX -<br/>3 = RX +<br/>4 = n.c.<br/>5 = n.c.<br/>6 = RX -<br/>7 = n.c.<br/>8 = n.c.</p></div> <p>Pin Assignment</p> <div><p>12345678</p></div> <div><p>1 = TX +<br/>2 = TX -<br/>3 = RX +<br/>4 = n.c.<br/>5 = n.c.<br/>6 = RX -<br/>7 = n.c.<br/>8 = n.c.</p></div> <p>Pin Assignment</p> <div><p>1 2 3</p></div> <div><p>1 = 24 VDC<br/>2 = 0 V<br/>3 = <math>\perp</math></p></div> |
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**LED Status**

| LED   | Color | Status        | Description          |
|-------|-------|---------------|----------------------|
| LED 1 | Green | Illuminated   | Malfunction          |
| LED 2 | Green | Illuminated   | PoE active           |
|       | Red   | Slow flashing | Overload             |
|       | Red   | Fast flashing | Overtemperature      |
| LED 3 | Green | Illuminated   | Operating voltage ON |

**Accessories**

| Type code                   | Ident no. |                                                                  | Dimension drawing |
|-----------------------------|-----------|------------------------------------------------------------------|-------------------|
| TXF-M22W-RJ45-5M            | 100020099 | PoE connection cable, M22 angled to RJ45, 5 m                    |                   |
| TXF-M22G-RJ45-5M-<br>USB-1M | 100020101 | PoE connection cable, M22 straight to RJ45, 5 m, USB jack<br>1 m |                   |
| TXF-M22G-RJ45-5M            | 100020100 | PoE connection cable, M22 straight to RJ45, 5 m                  |                   |