

**TXF700 HMI Series Accessories**  
**PoE Injector (DIN Rail)**  
**Max. 36-W PoE Output Power**  
**PSU20-POE-36W01**






- 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

|                              |   |
|------------------------------|---|
| <b>Type designation</b>      | PSU20-POE-36W01   |
| Ident no.                    | 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, 2.0 A max            |
| 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   |

**TXF700 HMI Series Accessories**  
**PoE Injector (DIN Rail)**  
**Max. 36-W PoE Output Power**  
**PSU20-POE-36W01**

**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><b>Pin Assignment</b></p>  <p>12345678</p> <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> <p><b>Pin Assignment</b></p>  <p>12345678</p> <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> <p><b>Pin Assignment</b></p>  <p>1 1 = L+<br/>2 2 = M<br/>3 3 = GND</p> |
|--|---|--|




**TXF700 HMI Series Accessories**  
**PoE Injector (DIN Rail)**  
**Max. 36-W PoE Output Power**  
**PSU20-POE-36W01**

**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 |

**TXF700 HMI Series Accessories**  
**PoE Injector (DIN Rail)**  
**Max. 36-W PoE Output Power**  
**PSU20-POE-36W01**

**Accessories**

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