

# JSmart PoE Injector Tech-Note

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## DIN rail mounting

- Rugged PoE Injector for JSmart HMI Series
- 10/100 Ethernet compatible
- DIN rail mounting



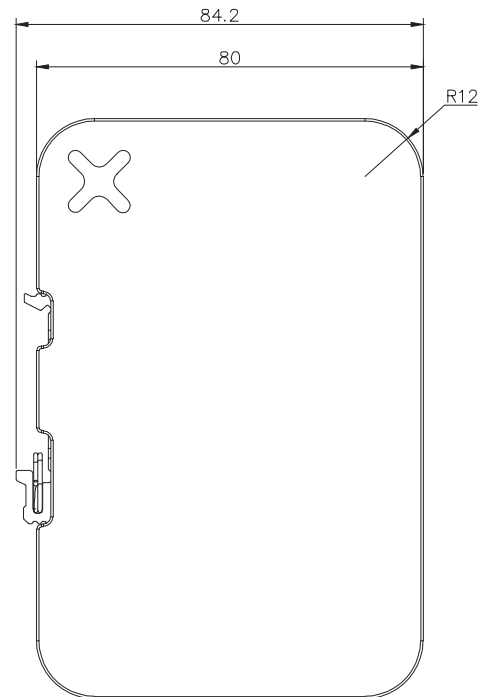
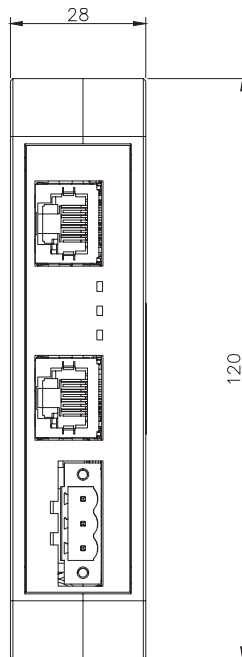
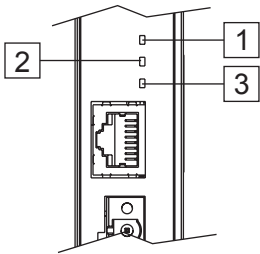
## Highlights

Power-over-Ethernet (PoE) Injector for maximum simplicity of connection using standard CAT5 wiring.

# JSmart PoE Injector - Technical Data



| Features                          |   |
|-----------------------------------|---|
| PoE Standard                      | IEEE 802.3af/at   |
| Output Power                      | 36W max   |
| DC Output Voltage                 | +54 Vdc   |
| Data rates                        | 10/100  |
| Interface                         |   |
| Ethernet IN port                  | 10/100  |
| Ethernet OUT port                 | 10/100 PoE  |
| Diagnostic LEDES                  | 3   |
| Ratings                           |   |
| Power Supply                      | +24 Vdc (18-32 Vdc)   |
| Current Consumption               | 2.0 A at 24 Vdc (max.)  |
| Efficiency                        | 80% typ   |
| Over Voltage / Current Protection | Yes   |
| Short Circuit Protection          | Yes   |
| Reverse Polarity                  | Yes   |
| Environment Conditions            |   |
| Operating Temp                    | -20°C to +55° C   |
| Storage Temp                      | -30°C to +80°C  |
| Operating / Storage Humidity      | 5-85% RH, non-condensing  |
| Protection Class                  | IP20 EN60529  |
| Dimensions and Weights            |   |
| Faceplate LxH                     | 80x120 mm   |
| Depth D                           | 28 mm   |
| Weight                            | 350 g   |
| Approvals                         |   |
| CE                                | Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environment |
| UL                                | cULus: UL61010-1 / UL61010-2-201  |
| RCM                               | Yes   |



| LED | Color           | Specifications           |
|-----|-----------------|--------------------------|
| 1   | Red             | Fault                    |
| 2   | Green           | Status: PoE running      |
|     | Red, slow blink | Status: Over-load        |
|     | Red, fast blink | Status: Over-temperature |
| 3   | Green           | Power ON                 |

## Ordering Information

| Model      | Part Number | Description                           |
|------------|-------------|---------------------------------------|
| JSmart PoE | +JSPOU0P1   | JSmart PoE Injector DIN rail mounting |