




Maintenance

No periodic maintenance or calibration is required for I/O transceiver modules. There are no user replaceable parts inside these modules.

Safety Considerations

 The I/O transceiver modules are TÜV certified for Risk Class 5 safety critical applications.

Specifications

Safetybus Power	Not applicable (included in I/O power supply output capacity, see PD-6008: I/O Power Supply Modules)
I/O Interface	One leg of triplicated I/O Safetybus
Heat Dissipation	8 Watts, 27 BTUs/hour
Operating Temperature	0° to 60° C (32° to 140° F)
Storage Temperature	-40° to 85° C (-40° to 185° F)
Operating Humidity	0 to 95% relative humidity, non-condensing
Vibration	
10 to 55 Hz:	±0.15mm
Shock	
Operating:	15 g, ½ sine wave, 11 msec



Electromagnetic Interference

- IEC 801 Part 2 - Electrostatic Discharges Level 3: Contact discharge of 6 kV
- IEC 801 Part 3 - Radiated Electromagnetic Fields Level 3: 10 V/M, 27 MHz - 500 MHz
- IEC 801 Part 4 - Transients and Bursts Level 4: 2 kV, 2.5 kHz for t = 60 sec
- IEC 801 Part 5 - Surge Immunity Level 3: 2 kV
- ANSI/IEEE C37.90 - Surge Withstand Capability 2.5 kV damped 1 MHz sine wave

Safety

4 kV bi-directional impulse, 10 nsec rise time, fast transient
Certified to DIN V VDE 0801 for Risk Class 5. Also designed to meet UL 508 and CSA 22.2, No. 142-M1981

Dimensions

Height: 12.6" (320 mm)
Width: 1.27" (32 mm)
Depth: 10.12" (257 mm)

Weight

3.0 lbs (1.4 kg)