

Technical characteristics

Power supply

Surge protection	Yes
Overcurrent protection at input	Yes
Reverse polarity proof	Yes

Power over Ethernet PoE

Standard	IEEE 802.3af / IEEE 803.3at
Supported mode	Alternative A
Power supply PSE (PoE/PoE+)	48 / 54 VDC == 24 VDC with integrated Voltage Transformer
Supported cabling	See 802.3at, section 33.1.4
PoE Pinout	Alternative A, MDI-X (1/2 = V-, 3/6 = V+)

Enclosures

Type of installation	35 mm DIN rail acc. to EN 60 715
Material enclosures	Anodised aluminium / Powder-coated steel sheet
Protection degree	III
Protection degree acc. to DIN EN 60 529 (with plugged screw type terminal block)	IP30

Ambient conditions

Commercial temperature range	0 °C ... +55 °C
Industrial temperature range	-40 °C ... +70 °C
Storage temperature range	-40 °C ... +85 °C
Relative humidity (operation)	0 % ... 95 % (not-condensing)
Relative humidity (storage/transport)	0 % ... 95 % (not-condensing)
Air pressure	2000 m (795 hPa)

EMC and environmental conditions

EMC interference immunity (EN 61 000-6-1, 61 000-6-2, 55204)	Electrostatic discharge (ESD) EN 61 000-4-2 Electromagnetic field EN 61000-4-3 Rapid transients (burst) EN 61 000-4-4 Surge voltages EN 61 000-4-5 Conducted interference voltages EN 61 000-4-6
EMC interference emission	EN 61 000-6-4, EN 55 022, FCC CFR 47 Part 15
Mechanical stability (EN 60721-3)	IEC 60068-2-6 Vibration IEC 60068-2-6 Vibration resonance search IEC 60068-2-27 Shock test

Included in delivery

Pluggable screw type terminal block for power supply	Yes
Operating manual	Yes