

- 1 Serial port
- 2 Power supply
- 3 Ethernet port 0 (10/100/1000 Mb)
- 4 Ethernet port 1 (10/100 Mb)
- 5 Ethernet port 2 (10/100 Mb)
- 6 USB ports 1 and 2
- 7 Expansion slots for plug-in modules
- 8 SD Card slot

**Display und System | System Resources**

Prozessor   CPU	ARM Cortex-A9 Quad Core 800 MHz
Operating System	Linux RT
Flash	8 GB
RAM	2 GB
Real Time Clock, RTC Back-up, Buzzer	Ja   Yes

**Schnittstellen | Interface**

Ethernet (RJ45)	1 Port 10/100/1000 Mbits 2 Ports 10/100 Mbits
USB	2 x 2.0 Host Port
Serielle Schnittstelle   Serial port	1 x RS-232/422/485 (software configurable)
SD Card	Ja   Yes
Erweiterung	2 slot for Plug-in-Module

**Stromversorgung | Ratings**

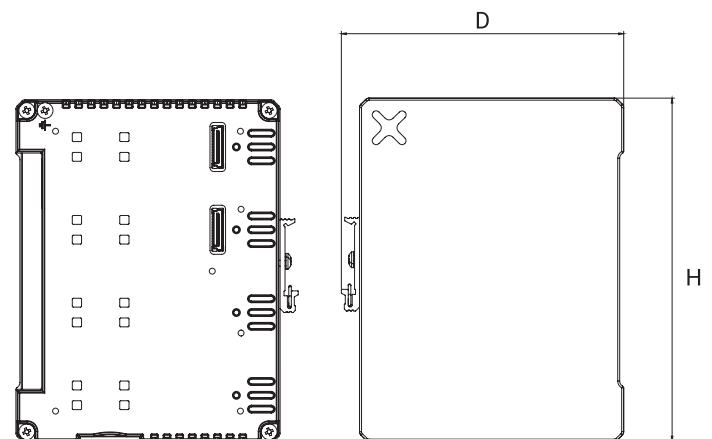
Spannungsversorgung   Power supply	24 VDC (10 bis/to 32 VDC)
max. Leistungsaufnahme   Current Consumption	0.55 A bei/at 24 VDC (max.)
Überspannungsschutz   Input Protection	Electronic
Batterie	Ja   Yes

**Umweltbedingungen | Environment Conditions**

Operating temperature	-20 °C bis/to +60 °C
Plug-in-Module/USB	max. +50 °C
Storage temperature	-20 °C bis/to +70 °C
Operating/Storage Humidity	5 % to 85 % RH, non condensing
IP	IP20

**Maße und Gewicht | Dimensions and Weights**

Gesamt   Faceplate (L x H)	44 x 174 mm (1.77 x 6.85")
Tiefe   Depth (D + T)	144 mm (5.67")
Gewicht   Weight	0.7 kg
Bauform   Mounting	TS35 DIN Rail


**Zulassungen | Approvals**

CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments EN 60945, EMC Emissions and Immunity for marine applications
UL	cULus: UL61010-1 / UL61010-2-201
UL	cULus: Class 1 Div 2
IECEX	Zone 2: Ex nA IIC T5 Gc / -20°C ≤ Tamb ≤ +60°C. Limited to 0°C ≤ Tamb ≤ +50°C with PLIO03
ATEX	Zone 2: II 3 G Ex nA IIC T5 Gc / -20°C ≤ Tamb ≤ +60°C. Limited to 0°C ≤ Tamb ≤ +50°C with PLIO03
DNV-GL	Ja   Yes
RCM	Ja   Yes