



Technical Data	
Number of I/O modules	64
with bus extension	250
Max. input process image	512 bytes
Max. output process image	512 bytes
Configuration	via PC
PROFINET IO features	Integrated 2-port switch; Auto-negotiation, Auto-MDIX; Isochronous real-time communication (pending); Transmission clock: 1 ms (RT), 1, 2, 4 ms (IRT); Device replacement without programming tool; Shared device
Protocols	Topology detection / LLDP, Network diagnostics / SNMP / MIB-2, media redundancy / MRP (pending), Web server / HTTP
Profiles supported	PROFIsafe V2, PROFInergy V1.0
ID code	Vendor ID: 0x011D; Device ID: 0x02EE; Coupler ID: 0x01000177 (firmware 01, 02), 0x02000177 (firmware 03)
Power supply	24 V DC (-25 % ... +30 %)
Input current typ. at rated load (24 V)	500 mA
Efficiency of the power supply (typ.) at nominal load (24 V)	90 %
Internal current consumption (5 V)	450 mA
Total current for I/O modules (5 V)	1700 mA
Isolation	500 V system/supply

General Specifications	
Operating temperature	0 °C ... +55 °C
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Strip lengths	8 ... 9 mm / 0.33 in
Dimensions (mm) W x H x L	62 x 65 x 100
	Height from upper-edge of DIN 35 rail
Weight	150.3 g
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP20
EMC immunity of interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-3, marine applications