



| Technical Data | | General Specifications | |
|--|--|---|--|
| Number of I/O modules | 64 | Operating temperature | 0 °C ... +55 °C |
| Max. input process image | 256 bytes | Wire connection | CAGE CLAMP® |
| Max. output process image | 256 bytes | Cross sections | 0.08 mm ² ... 1.5 mm ² / AWG 28 ... 14 |
| Configuration | via PC | Strip lengths | 5 ... 6 mm / 0.22 in |
| 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 | Dimensions (mm) W x H x L | 50 x 65 x 97 Height from upper-edge of DIN 35 rail |
| Protocols | Topology detection / LLDP, Network diagnostics / SNMP / MIB-2, media redundancy / MRP (pending), Web server / HTTP | Weight | 107.1 g |
| Profiles supported | PROFIsafe V2, PROFIenergy V1.0 | Storage temperature | -25 °C ... +85 °C |
| ID code | Vendor ID: 0x011D; Device ID: 0x02EE; Coupler ID: 0x01000179 | Relative air humidity (no condensation) | 95 % |
| Power supply | 24 V DC (-25 % ... +30 %) | Vibration resistance | acc. to IEC 60068-2-6 |
| Input current typ. at rated load (24 V) | 280 mA | Shock resistance | acc. to IEC 60068-2-27 |
| Efficiency of the power supply (typ.) at nominal load (24 V) | 90 % | Degree of protection | IP20 |
| Internal current consumption (5 V) | 450 mA | EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| Total current for I/O modules (5 V) | 700 mA | EMC emission of interference | acc. to EN 61000-6-3, marine applications |
| Isolation | 500 V system/supply | | |