



Technical Data	
Number of I/O modules (per node)	64
with bus extension	250
Input and output process image (max.)	
Internal data bus	1000 words
MODBUS	1000 words
CAN	2000 words
I/O interfaces (serial)	1 x serial interface per TIA/EIA 232 and TIA/EIA 485 (switchable), 9-pole D-sub female connector
Diagnostic LEDs	Power supply; SYS; RUN; FIELDBUS (MS, NS, CAN); USER (U1 ... U6); Internal data bus
User LEDs	via CODESYS library
Memory configuration CODESYS 2.3	
Program memory	16 MB
Data memory	64 MB
Non-volatile memory (retain)	128 KB
Memory configuration eRUNTIME	
Program and data memory	60 MB (dynamically distributed)
Non-volatile memory (retain)	128 KB
Power supply	24 V DC (-25 % ... +30 %)
Max. input current (24 V)	550 mA
Total current for I/O modules (5 V)	1700 mA
Isolation	500 V system/supply

General Specifications	
Dimensions (mm) W x H x L	112 x 65 x 100
	Height from upper-edge of DIN 35 rail
Weight	246.6 g
EMC immunity of interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-3, marine applications
Degree of protection	IP20 acc. to DIN 60529
Type of mounting	DIN 35 rail
Housing material	PC
Ambient conditions	
Operating temperature	0 °C ... +55 °C
Storage temperature	-25 °C ... +85 °C
Relative air humidity (no condensation)	95 %
Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Strip lengths	8 ... 9 mm / 0.33 in