



Technical Data

I/O interfaces (serial)	1 x serial interface; COM 1 acc. to EIA RS-232 standard; 9-pole D-Sub plug
I/O interfaces (USB)	2 x USB port acc. to Specification 2.0
Additional interfaces	2 x digital output, isolated; 2 x digital input, isolated
Diagnostic LEDs	Power supply; Watchdog; PROFIBUS DP, CANopen; Run/Stop; IDE; Internal data bus
Programming	WAGO-I/O-PRO CAA
IEC 61131-3	IL, LD, FBD, ST, FC
Operating system	Linux 2.6 with RT-Preempt patch
RT support	1024 KB PLC SRAM battery backup; NMI timer
Watchdog	Trigger interval 400 ms (reset triggered at time-out)
Voltage supply	24 V DC (-25 % ... +30 %)
Max. input current (24 V)	770 mA
Total current for I/O modules (5 V)	1000 mA
Ambient conditions	
Operating temperature	0 °C ... +55 °C
Storage temperature	-10 °C ... +85 °C
Vibration resistance	
Operation	0.5 G, 10-500 Hz
Storage/transit	1 G, 10-500 Hz
Shock resistance	
Operation	5 g, 11 ms, 6 axis
Storage/transit	30 g, 11 ms., 6 axis
Humidity	
Operation	5-90 %, non condensing at 50 °C
Storage/transit	0-90 %, non condensing at 50 °C
Altitude	
Operation	0 ... 10,000 ft
Storage/transit	0 ... 50,000 ft

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Wire connection	CAGE CLAMP®
Cross sections	0.08 mm² ... 2.5 mm² / AWG 28 ... 14
Stripped lengths	8 ... 9 mm / 0.33 in
Dimensions (mm) W x H x L	236 x 70 x 100
	Height from upper-edge of DIN 35 rail
Weight	1100 g
Electromagnetic compatibility	Unwanted emission limits and operation acc. to DIN EN 55022, DIN EN 50081-1; Interference immunity limits and operation acc. to DIN EN 50082-2
Protection & safety	Safety limits and operation acc. to DIN EN 60950
Degree of protection	IP20 acc. to DIN 40050
Type of mounting	DIN 35 rail
Housing material	Aluminum