KNX WI/O kontroller Ethernet

Produkt nr: 750-862

Beskrivelse

Teknisk data

Communication	Modbus TCP
Ethernet protocol	HTTP(S)
	BootP
	DHCP
	DNS
	SNTP
	(S)FTP
	SNMP
Visualization	Web server
CPU	32 bits
Programming languages per IEC 61131-3	Instruction List (IL)
	Ladder Diagram (LD)
	Function Block Diagram (FBD), Continuous Function Chart (CFC)
	Structured Text (ST)
	Sequential Function Chart (SFC)

Programming environment	WAGO-I/O-PRO V2.3 (based on CODESYS V2.3)
Configuration options	WAGO-I/O-CHECK
	Web-based management
	CODESYS Library
Baud rate (communication/fieldbus 1)	10/100 Mbit/s
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Transmission medium (communication/fieldbus)	Twisted Pair S-UTP; 100 Ω; Cat. 5; Line length (max.): 100 m
Transmission performance	Class D acc. to EN 50173
Program memory	2 MB
Data memory	2 MB
Software non-volatile memory	16 Kbytes
Number of modules per node max.	250
Number of I/O modules without bus extension max.	64
Input and output process image (Fieldbus) max.	1020 Worte/1020 Worte
Indicators	LED (LINK/ACT) green: Network connection Port 1 … 2; LED (MS, NS) red/green: Status of node, network; LED (I/O, USR) red/green/orange: Internal data bus status, status programmable by user
System supply voltage	24 VDC (-25 … +30 %); via wiring level
Input current typ. at rated load (24 V)	300 mA
Efficiency of the power supply (typ.) at nominal load (24 V)	90 %
Current consumption, system supply (5 V)	390 mA

Total current for system supply	700 mA
Isolation	500 V system/field

Connection data

Connection technology: communication/fieldbus	Modbus TCP/UDP: 2 x RJ-45
Connection technology: system supply	2 x CAGE CLAMP®
Connection type (1)	System supply
Solid conductor	0,08 … 2,5 mm² / 28 … 14 AWG
Fine-stranded conductor	0,08 … 2,5 mm² / 28 … 14 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inch
Connection technology: Device configuration	1 x 4-pole male connector

Geometrical Data

Width	49,5 mm / 1.949 inch
Height	96,8 mm / 3.811 inch
Depth	71,9 mm / 2.831 inch
Length from upper-edge of DIN-35 rail	64,7 mm / 2.547 inch

Mechanical data

Weight	105,3 g
Color	lysegrå
Housing material	Polycarbonate; Polyamide 6.6
Conformity marking	CE

Environmental Requirements

Surrounding air (operating) temperature	0 … 55 °C

Surrounding air (storage) temperature	-40 ... 85 °C
Degree of protection	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 5000 m (0.5 K/100 m); max.: 5000 m
Relative air humidity (no condensation)	95 %
Mounting position	any
Type of mounting	DIN-35 rail
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-3, marine applications
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Fire load	1,111 MJ
Permissible H2S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO2 contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data	
Packaging type	BOX
Country of origin	DE
GTIN	405514382130B
Customs tariff number	85371091990