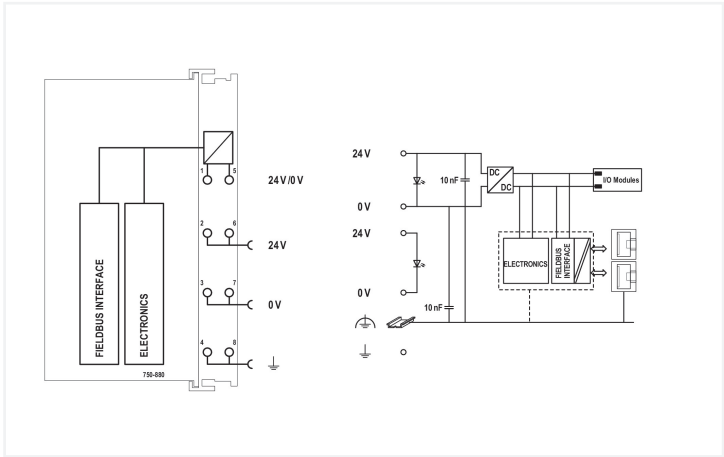
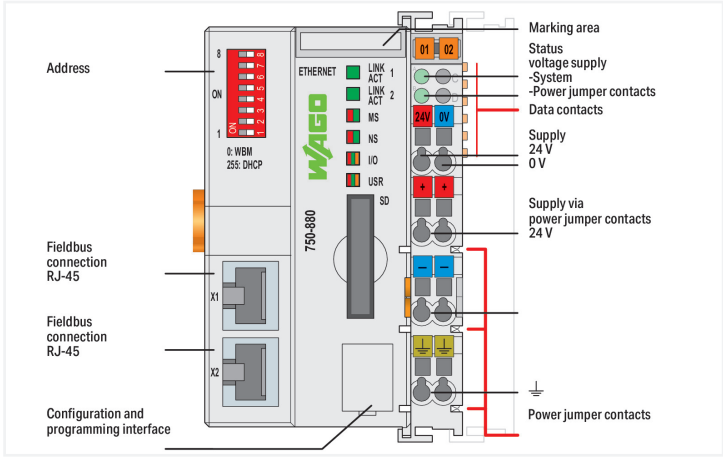




Color: ■ light gray



Technical data	
Communications	EtherNet/IP™ Modbus (TCP, UDP) ETHERNET
ETHERNET protocols	HTTP BootP DHCP DNS SNTP FTP SNMP
Visualization	Web-Visu
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
Transmission rate	10/100 Mbit/s
Transmission medium (communication/fieldbus)	Twisted pair S-UTP; 100 Ω; Cat. 5; 100 m maximum cable length
Transmission performance	Class D per EN 50173



Technical data		
Program memory		1024 KB
Data memory		1024 KB
Non-volatile software memory		32 KB
Type of memory card		SD and SDHC up to 32 GB (all guaranteed properties only valid with WAGO's memory card)
Memory Card Slot		Push-push mechanism; cover lid (sealable)
Number of modules per node (max.)		250
Number of modules without a bus extension (max.)		64
Input and output process image (fieldbus) max.		1020 words/1020 words
Indicators		LED (LINK/ACT) green: Network connection via ports 1 ... 2; LED (MS, NS) red/green: Status of node, network; LED (I/O, USR) red/green/orange: Local data bus status, status programmable by user; LED (A, B) green: System power supply status, field supply
Supply voltage (system)		24 VDC (-25 ... +30 %); via pluggable connector (CAGE CLAMP® connection)
Input current (typ.) at nominal load (24 V)		500 mA
Power supply efficiency (typ.) at nominal load (24 V)		90 %
Current consumption (5 V system supply)		450 mA
Total current (system supply)		1700 mA
Supply voltage (field)		24 VDC (-25 ... +30 %); via power jumper contacts
Current carrying capacity (power jumper contacts)		10 A
Number of outgoing power jumper contacts		3
Isolation		500 V system/field

Connection Data		
Connection technology: communication/fieldbus		EtherNet/IP™: 2 x RJ-45; Modbus (TCP, UDP): 2 x RJ-45
Connection technology: system supply		2 x CAGE CLAMP®
Connection technology: field supply		6 x CAGE CLAMP®
Connection type		System/field 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 inches
Connection technology: device configuration		1 x Male connector; 4-pole

Physical data		
Width		61.5 mm / 2.421 inches
Height		71.9 mm / 2.831 inches
Depth		100 mm / 3.937 inches

Mechanical data		
Mounting type		DIN-35 rail

Material data		
Color		light gray
Housing material		Polycarbonate; polyamide 6.6
Fire load		2.88 MJ
Weight		161.9 g
Conformity marking		CE



Environmental requirements	
Ambient temperature (operation)	0 ... +55 °C
Ambient temperature (storage)	-40 ... +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 5000 m (0.5 K/100 m); 5000 m (max.)
Mounting position	Horizontal left, horizontal right, horizontal top, horizontal bottom, vertical top and vertical bottom
Relative humidity (without condensation)	95 %
Relative humidity (with condensation)	Short-term condensation per Class 3K6/IEC EN 60721-3-3 and E-DIN 40046-721-3, accounting for a temperature range of -20 to +60 °C (except for wind-driven precipitation, water and ice formation)
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-3, marine applications
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Permissible H ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data	
Product Group	15 (I/O System)
PU (SPU)	1 pcs
Packaging type	Box
GTIN	4050821134053
End of Sale	2019-12-15
End of Production	2019-12-20
End of Delivery	2019-12-30
End of Service and Repair	2021-12-14

Product Classification	
UNSPSC	43201404
eCl@ss 10.0	27-24-26-07
eCl@ss 9.0	27-24-26-07
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
CAS-No.	12060-00-3 1303-86-2 1317-36-8 25550-51-0 693-98-1 7439-92-1 79-94-7 80-43-3
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 2-methylimidazole 4-Methyl-1,2-cyclohexanedicarboxylic anhydride Diboron trioxide Lead Lead monoxide Lead titanium oxide (PbTiO3) Peroxide, bis(1-methyl-1-phenylethyl)
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	2cb1e1f5-30a4-4aa4-b43e-0256427d9dea
SCIP notification number (Belgium)	adb3edf3-e63f-439b-a86e-14ac100891fa



Environmental Product Compliance	
SCIP notification number (Bulgaria)	7548571d-d7ec-43a7-a1e9-0574080601c4
SCIP notification number (Czech Republic)	baef3f7e-59b5-4602-b179-bc293a631565
SCIP notification number (Denmark)	567c099d-53bc-42da-8226-b0b0b055b7e3
SCIP notification number (Finland)	09b78942-e512-4ac1-9753-cc2dc901bdb4
SCIP notification number (France)	4c77de68-e6ea-4667-aa62-3625a6c15773
SCIP notification number (Germany)	05a7d98c-5518-4d9f-a732-d836005b0a0c
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SCIP notification number (Italy)	081b813e-7391-41eb-9ae6-e2155a2b6791
SCIP notification number (Netherlands)	554efbeb-f756-43e6-bd3e-4202b0e43cdf
SCIP notification number (Poland)	5f59abf8-35b6-48f9-9717-23e1e0fefcc4
SCIP notification number (Romania)	cd5e7358-0e1d-4be8-afba-30b84534e1b7
SCIP notification number (Sweden)	15f0b96f-565c-499d-9e60-8392e93322dc

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com