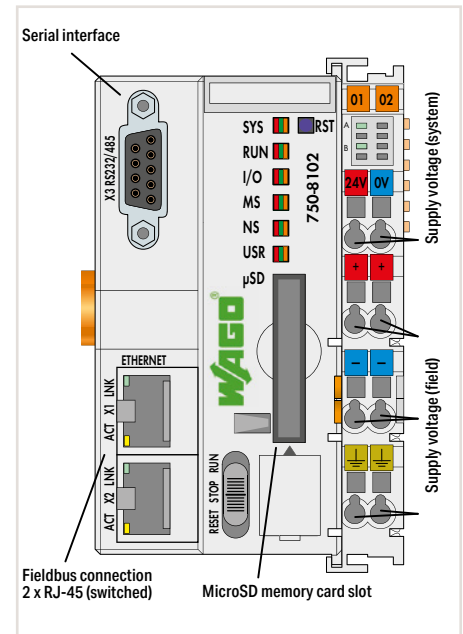
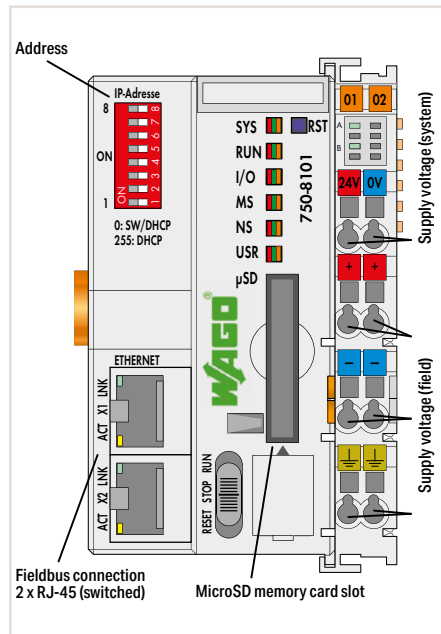


Controller PFC100; 2 x ETHERNET or 2 x ETHERNET; RS-232/-485



Figure: 750-8102



Item description	Controller PFC100; 2 x ETHERNET		PFC100 Controller; 2 x ETHERNET; RS-232/-485	
Version	Default	Ext. temperature	Default	Ext. temperature
Item No.	750-8101	750-8101/025-000	750-8102	750-8102/025-000
Order text	PFC100; 2ETH	PFC100; 2ETH; T	PFC100; 2ETH RS	PFC100; 2ETH RS; T
Technical Data				
Communication	Modbus (TCP, UDP); EtherNet/IP adapter (slave) ¹⁾ ; MQTT		Modbus (TCP, UDP, RTU); EtherNet/IP adapter (slave) ¹⁾ ; MQTT; RS-232/-485 interface	
ETHERNET protocols	DHCP; DNS; NTP; FTP; FTPS; SNMP; HTTP; HTTPS; SSH		DHCP; DNS; NTP; FTP; FTPS; SNMP; HTTP; HTTPS; SSH	
Visualization	Web-Visu		Web-Visu	
Programming	e!COCKPIT (based on CODESYS V3)		e!COCKPIT (based on CODESYS V3)	
CPU	Cortex A8; 600 MHz		Cortex A8; 600 MHz	
Operating system	Real-time Linux 3.18 (with RT-Preempt patch)		Real-time Linux 3.18 (with RT-Preempt patch)	
Non-volatile memory (hardware)	64 KB		128 KB	
Program memory/data memory/non-volatile memory (software)	12 MB* / 12 MB* / 64 KB		12 MB* / 12 MB* / 128 KB	
Number of modules per node (max.)	250		250	
Input and output process image (internal) max.	1000 words		1000 words	
Input and output process image (MODBUS) max.	32000 words		32000 words	
Supply voltage (system)	24 VDC (–25 ... 30 %); via wiring level (CAGE CLAMP® connection)		24 VDC (–25 ... 30 %); via wiring level (CAGE CLAMP® connection)	
Supply voltage (field)	24 VDC (–25 ... +30 %); via power jumper contacts		24 VDC (–25 ... +30 %); via power jumper contacts	
Input current (typ.) at nominal load (24 V)	550 mA		550 mA	
Total current (system supply)	1700 mA		1700 mA	
Surrounding air temperature (operation)	0 ... +55 °C	–20 ... +60 °C	0 ... +55 °C	–20 ... +60 °C
Dimensions W x H x D	61.5 x 71.9 x 100 mm		61.5 x 71.9 x 100 mm	
Approvals	CE;  Marine;  OrdLoc/HazLoc;  ATEX/IECEx		CE;  Marine;  OrdLoc/HazLoc;  ATEX/IECEx	
Data sheet and further information, see:	wago.com/750-8101		wago.com/750-8102	
Accessories	Item No.	Page	Item No.	Page
microSD memory card; 2 GB	758-879/000-3102	470	758-879/000-3102	470

¹⁾Library for e!RUNTIME

*For memory configuration via e!RUNTIME, the program and data memory together have a maximum size of 12 MB and can be distributed dynamically.

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