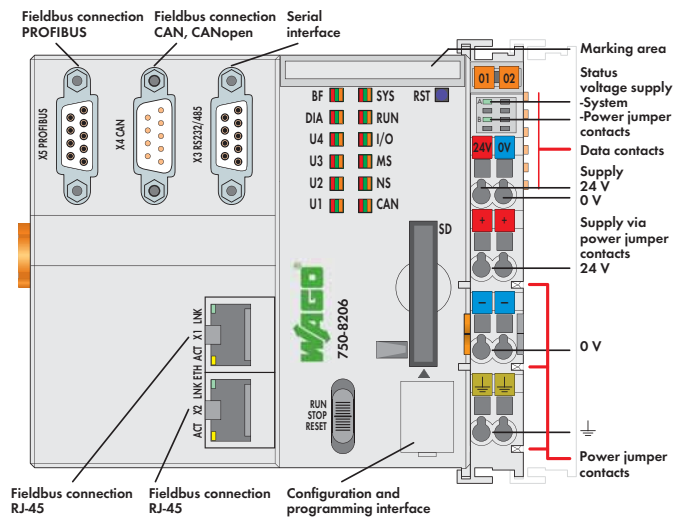


750-8206


PLC – PFC200 Controller

PFC200 CS 2ETH RS CAN DPS

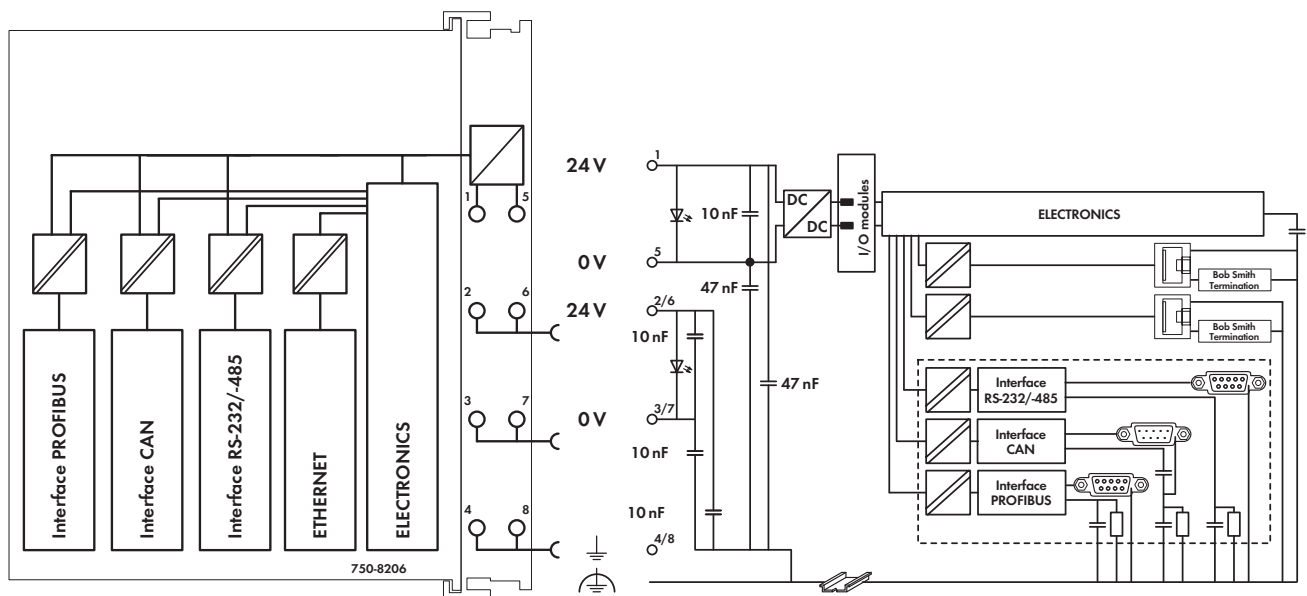


The PFC200 Controller is a compact PLC for the modular WAGO-I/O-SYSTEM. Besides network and fieldbus interfaces, the controller supports all digital, analog and specialty modules found within the 750/753 Series. Two ETHERNET interfaces and integrated switch enable line topology wiring. An integrated Web server provides the user with configuration options and status information from the PFC200. Besides the processing industry and building automation, typical markets for the PFC200 include the standard machine and plant industries (e.g., packaging, bottling, textiles, production and metal & wood processing).

- Programmable to IEC 61131-3
- Programmable via WAGO-I/O-PRO V2.3
 - Direct connection of WAGO I/O modules
 - 2 x ETHERNET (configurable), RS-232/-485, CAN, CANopen, PROFIBUS DP Slave
 - Linux operating system with RT-Preemption patch
 - Configuration via CODESYS, e!COCKPIT or Web-based management interface
 - Maintenance-free

Description	Item No.	Pack. Unit
PFC200 CS 2ETH RS CAN DPS	750-8206	1
PFC200 CS 2ETH RS CAN DPS/T	750-8206/025-000	1
Extended temperature range: -20 °C ... +60 °C		
PFC200 CS 2ETH RS CAN DPS TELE/T	750-8206/025-001	1
Extended temperature range: -20 °C ... +60 °C		
Accessories		
WAGO-I/O-PRO V2.3, RS-232 kit	759-333	1
SD memory card, 2 GB	758-879/000-001	1
Miniature WSB Quick marking system		
 plain	248-501	5
with marking	see Section 11	
Approvals		
Conformity marking	CE	
Korea Certification	K (750-8206)	
Marine applications	DNV GL, GL	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
TÜV 14 ATEX 148929 X	II 3 G Ex nA IIC T4 Gc (750-8206)	
IECEx TUN 14.0035 X	Ex nA IIC T4 Gc (750-8206)	

System Data	
CPU	Cortex A8, 600 MHz
Operating system	Real-time Linux (with RT-Preemption patch)
Main memory (RAM)	256 Mbytes
Internal memory (flash)	256 Mbytes
Retain memory	128 Kbytes
ETHERNET	2 x RJ-45 (switched)
Transmission medium	Twisted Pair S-UTP
	100 Ω, Cat 5;
	Max. line length: 100 m
Baud rate	10/100 Mbit/s; 10Base-T/100Base-TX
Interface (serial)	RS-232/-485 (switchable)
Fieldbus	PROFIBUS DP Slave, CAN, CANopen
Protocols	DHCP, DNS, NTP, FTP, FTPS, SNMP, HTTP, HTTPS, SSH, MODBUS (TCP, UDP, RTU)
	750-8206/025-001
	IEC 60870-5-101/-103/-104, IEC 61850-7-4, IEC 61400-25, DNP3
Programming	WAGO-I/O-PRO V2.3, e!COCKPIT
IEC 61131-3	IL, LD, FBD (CFC), ST, FC
SD card slot	Push-push mechanism, sealable cover lid
Type of memory card	SD and SDHC up to 32 GB (All guaranteed properties are only valid in connection with the WAGO 758-879/000-001 memory card.)



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
PROFIBUS	244 bytes in 80 slots
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, DIA, BF); USER (U1 ... U4); 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 e!RUNTIME	
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	256 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