



## Controller PFC200; 2 x ETHERNET, RS-232/-485

Item No.: 750-8202



Controller PFC200; 2 x ETHERNET, RS-232/-485

### Marking

RoHS ✓  
Compliant

### Business data

Supplier	WAGO
Item no.	750-8202
GTIN / EAN	4050821739463
Content	1
Order amount	1
Customer item number	

### Notes

*Item description: 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 an integrated switch enable line topology wiring. An integrated Webserver provides user configuration options, while displaying PFC200 status information. Besides the processing industry and building automation, typical applications for the PFC200 include standard machinery and equipment control (e.g., packaging, bottling and manufacturing systems, as well as textile, metal and wood processing machines). Programming per IEC 61131-3 Programmable via WAGO-I/O-PRO V2.3 or e!COCKPIT Direct connection of WAGO I/O modules 2 x ETHERNET (configurable), RS-232/-485 Linux operating system with RTP preempt patch Configuration via CODESYS, e!COCKPIT or Web-Based Management user interface Maintenance-free*

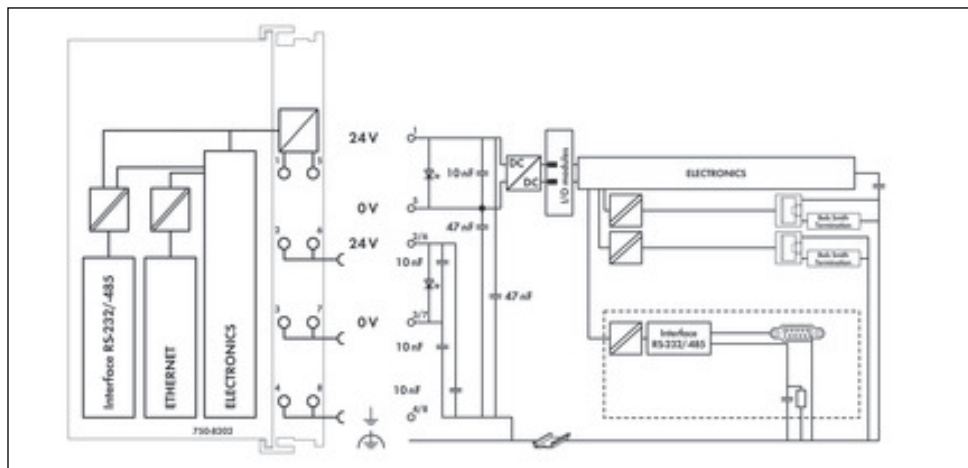
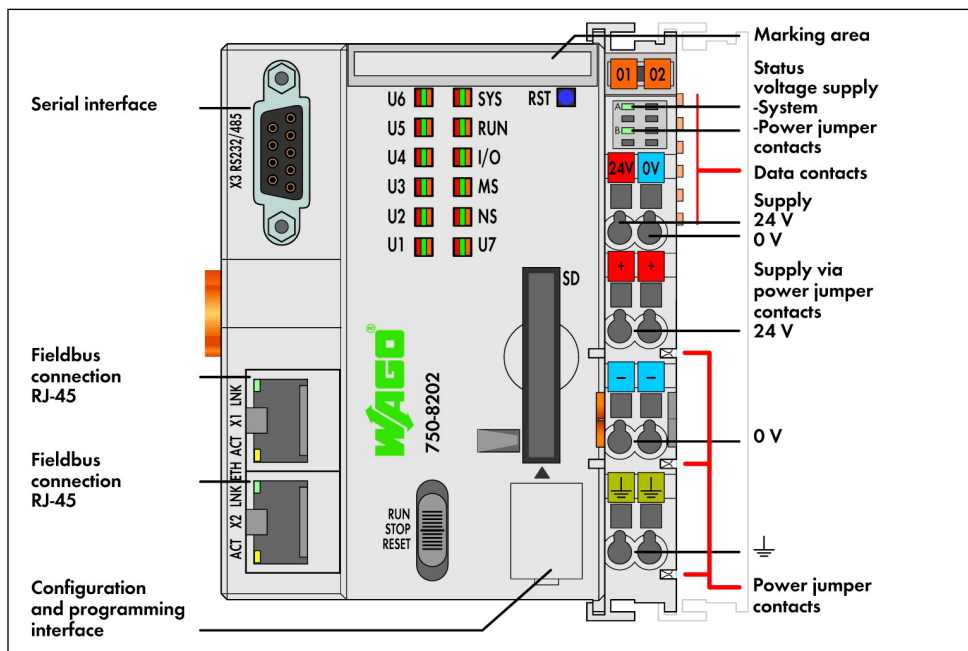
### Technical data

<b>Technical data</b>	
<i>Miscellaneous</i>	
<i>Packaging type</i>	<i>BOX</i>
<i>Communication</i>	<i>Modbus TCP</i>
<i>Ethernet protocol</i>	<i>DHCP</i>
<i>CPU</i>	<i>Cortex A8, 600 MHz</i>
<i>Operating system</i>	<i>Real-time Linux (with RT-Preempt patch)</i>
<i>Programming environment</i>	<i>e!COCKPIT (based on CODESYS 3)</i>
<i>Programming languages per IEC 61131-3</i>	<i>Instruction List (IL)</i>
<i>Visualization</i>	<i>Web-Visu</i>
<i>Baud rate</i>	<i>ETHERNET: 10/100 Mbit/s</i>
<i>Memory card slot</i>	<i>Push-push mechanism, sealable cover lid</i>
<i>Main memory (RAM) [MB]</i>	<i>256 [MB]</i>
<i>Internal memory (flash) [MB]</i>	<i>256 [MB]</i>
<i>Program memory</i>	<i>16 MByte</i>
<i>Data memory</i>	<i>64 MByte</i>
<i>Software non-volatile memory [KB]</i>	<i>128 [KB]</i>
<i>Hardware non-volatile memory [KB]</i>	<i>128 [KB]</i>
<i>Number of modules per node max.</i>	<i>250</i>
<i>Number of I/O modules without bus extension max.</i>	<i>64</i>
<i>Configuration options</i>	<i>e!COCKPIT</i>
<i>Input and output process image (internal) max.</i>	<i>1000 Words/1000 Words</i>
<i>Input and output process image (MODBUS) max.</i>	<i>1000 Words/1000 Words</i>
<i>Total current for system supply [mA]</i>	<i>1700 [mA]</i>
<i>Field supply voltage</i>	<i>DC 24 V (-25 ... +30 %); über Leistungskontakte</i>
<i>Input current typ. at rated load (24 V) [mA]</i>	<i>550 [mA]</i>
<i>Isolation</i>	<i>500 V system/supply</i>
<i>Number of outgoing power jumper contacts</i>	<i>3</i>
<i>Current carrying capacity of the power jumper contacts [A]</i>	<i>10 [A]</i>
<i>Number of connections: Field supply</i>	<i>6</i>
<i>Connection technology: Field supply</i>	<i>CAGE CLAMP®</i>
<i>Number of connections: system supply</i>	<i>2</i>
<i>Connection technology: system supply</i>	<i>CAGE CLAMP®</i>
<i>Number of connections: device configuration</i>	<i>1</i>
<i>Connection technology: device configuration</i>	<i>4-pole male connector</i>
<i>Connection type (1)</i>	<i>System-/Feldversorgung</i>

<b>Technical data</b>	
<i>Solid conductor</i>	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
<i>Fine-stranded conductor</i>	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
<i>Strip length</i>	8 ... 9 mm / 0.31 ... 0.35 Inch
<i>Width</i>	78.6 mm / 3.094 Inch
<i>Height</i>	71.9 mm / 2.831 Inch
<i>Height from upper-edge of DIN-35 rail</i>	64.7 mm / 2.547 Inch
<i>Depth</i>	100 mm / 3.937 Inch
<i>Type of mounting</i>	DIN-35 rail
<i>Color</i>	light gray
<i>Housing material</i>	Polycarbonate, polyamide 6.6
<i>Weight [g]</i>	206 [g]
<i>Conformity marking</i>	CE
<i>Ambient temperature (operation)</i>	0 ... 55 °C
<i>Ambient temperature (storage)</i>	-25 ... 85 °C
<i>Degree of protection</i>	IP20
<i>Degree of pollution (5)</i>	2 per IEC 61131-2
<i>Mounting position</i>	any
<i>Relative air humidity (no condensation) [%]</i>	95 [%]
<i>Vibration resistance</i>	4g gemäß IEC 60068-2-6
<i>Shock resistance</i>	15g per IEC 60068-2-27
<i>EMC immunity to interference</i>	acc. to EN 61000-6-2, marine applications
<i>EMC emission of interference</i>	acc. to EN 61000-6-3, marine applications
<i>Exposure to pollutants</i>	Per IEC 60068-2-42 and IEC 60068-2-43
<i>Zulässige Schadstoffkonzentration H2S bei einer r</i>	10 [ppm]
<i>Zulässige Schadstoffkonzentration SO2 bei einer r</i>	25 [ppm]
<i>Product Family</i>	PFC Controllers
<i>Main product function</i>	PFC200 controllers
<i>Product type</i>	Controller

Images & drawings







#### Address

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Telefon: 0571/887-0

Fax: 0571/887-169

<http://www.wago.com>

© WAGO Kontakttechnik GmbH & Co. KG

Technische Änderungen und Irrtümer vorbehalten.