



## Controller PFC200; FG2; 2 x ETHERNET, RS-232/-485

Item No.: 750-8202/000-012



Controller PFC200; FG2; 2 x ETHERNET, RS-232/-485

### Marking

RoHS ✓  
Compliant

### Business data

Supplier	WAGO
Item no.	750-8202/000-012
GTIN / EAN	4055143544610
Content	1
Order amount	1
Customer item number	

### Notes

*Item description:*The controllers are designed for the processing of WAGO applications. They recognize these controllers by a special version of the item number. The application can be downloaded from the respective item on our website. Additional information can be obtained from the application documentation. The controllers can also be used with their own applications as they offer all possibilities of the respective standard variant beyond the use of the WAGO application(s). 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 RTPreempt patch Configuration via CODESYS, e!COCKPIT or Web-Based Management user interface Maintenance-free Note: Download and register the software: [wago.com/applicationcontroller](http://wago.com/applicationcontroller)

### Technical data

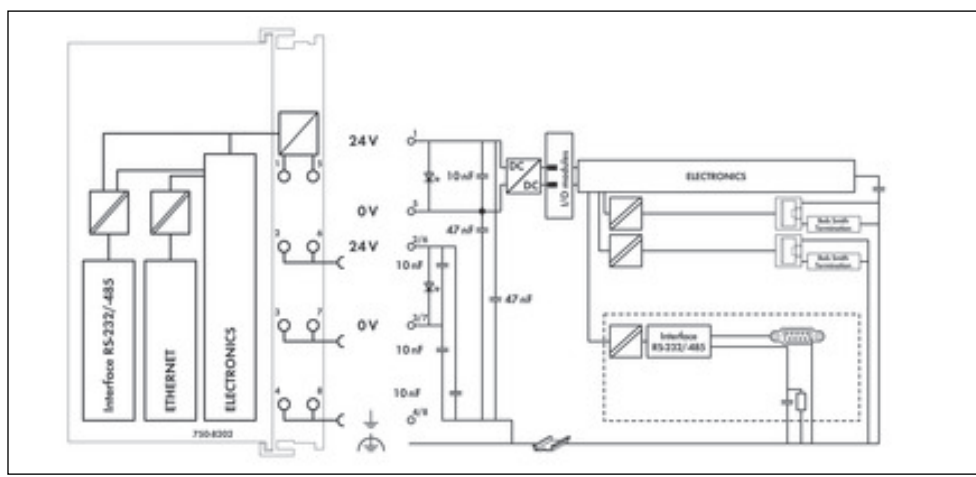
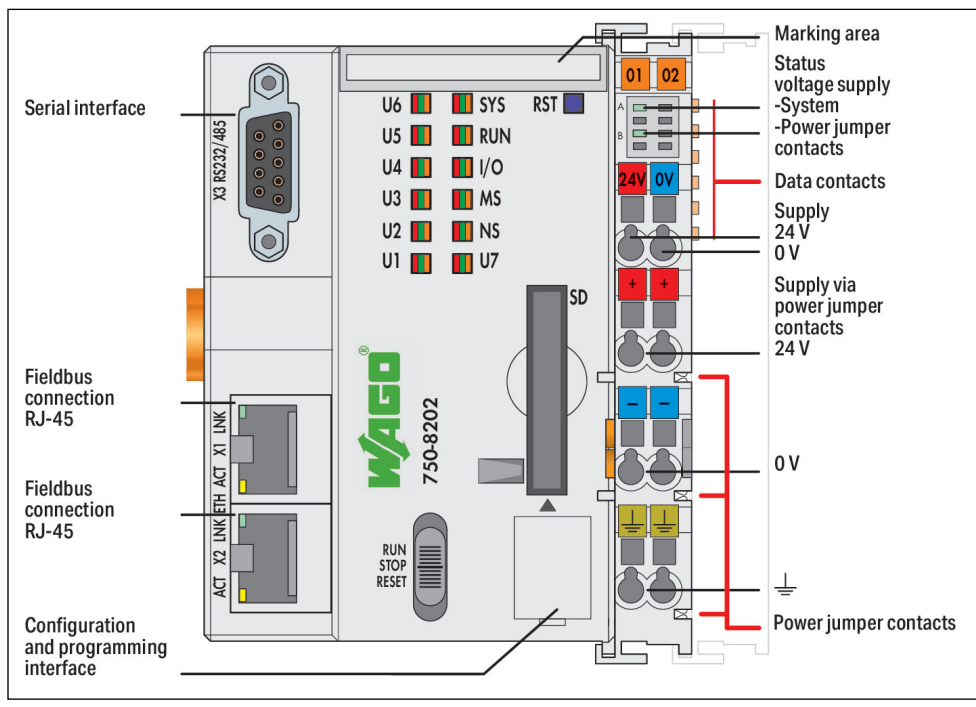
Miscellaneous

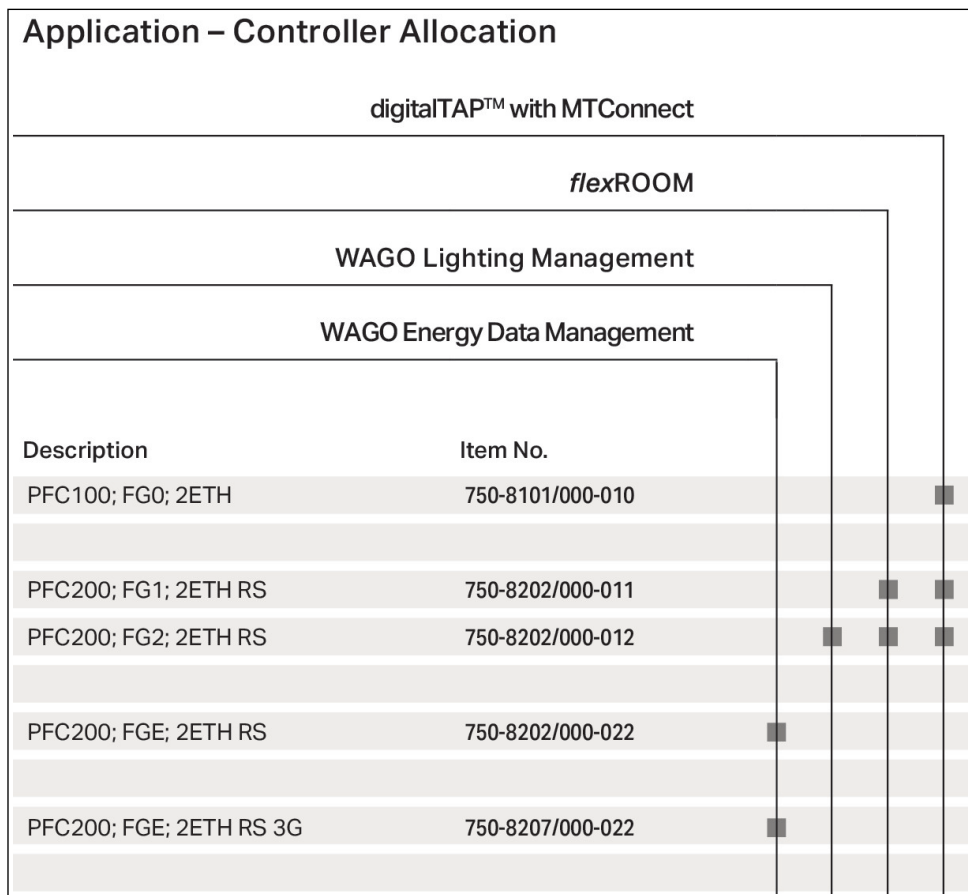
<b>Technical data</b>	
<i>Communication</i>	<i>Modbus TCP</i>
<i>Ethernet protocol</i>	<i>DHCP</i>
<i>Visualization</i>	<i>Web-Visu</i>
<i>Operating system</i>	<i>Real-time Linux (with RT-Preempt patch)</i>
<i>CPU</i>	<i>Cortex A8, 600 MHz</i>
<i>Programming languages per IEC 61131-3</i>	<i>Instruction List (IL)</i>
<i>Programming environment</i>	<i>e!COCKPIT (based on CODESYS V3)</i>
<i>Configuration options</i>	<i>e!COCKPIT</i>
<i>Baud rate (communication/fieldbus 1)</i>	<i>10/100 Mbit/s</i>
<i>Baud rate</i>	<i>ETHERNET: 10/100 Mbit/s</i>
<i>Main memory (RAM) [MB]</i>	<i>256 [MB]</i>
<i>Internal memory (flash) [MB]</i>	<i>256 [MB]</i>
<i>Hardware non-volatile memory [KB]</i>	<i>128 [KB]</i>
<i>Software non-volatile memory [KB]</i>	<i>128 [KB]</i>
<i>Memory card slot</i>	<i>Push-push mechanism, sealable cover lid</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>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>Input current typ. at rated load (24 V) [mA]</i>	<i>550 [mA]</i>
<i>Total current for system supply [mA]</i>	<i>1700 [mA]</i>
<i>Field supply voltage</i>	<i>DC 24 V (-25 ... 30 %); via power jumper contacts</i>
<i>Current carrying capacity of the power jumper contacts [A]</i>	<i>10 [A]</i>
<i>Number of outgoing power jumper contacts</i>	<i>3</i>
<i>Isolation</i>	<i>500 V system/supply</i>
<i>Connection technology: system supply</i>	<i>2 x CAGE CLAMP®</i>
<i>Connection technology: field supply</i>	<i>6 x CAGE CLAMP®</i>
<i>Connection type (1)</i>	<i>System-/Feldversorgung</i>
<i>Solid conductor</i>	<i>0.08 ... 2.5 mm<sup>2</sup> / 28 ... 14 AWG</i>
<i>Fine-stranded conductor</i>	<i>0.08 ... 2.5 mm<sup>2</sup> / 28 ... 14 AWG</i>
<i>Strip length</i>	<i>8 ... 9 mm / 0.31 ... 0.35 Inch</i>
<i>Connection technology: device configuration</i>	<i>1 x 4-pole male connector</i>
<i>Width</i>	<i>78.6 mm / 3.094 Inch</i>
<i>Height</i>	<i>71.9 mm / 2.831 Inch</i>
<i>Height from upper-edge of DIN-35 rail</i>	<i>64.7 mm / 2.547 Inch</i>

<b>Technical data</b>	
<i>Depth</i>	<i>100 mm / 3.937 Inch</i>
<i>Weight [g]</i>	<i>212 [g]</i>
<i>Color</i>	<i>light gray</i>
<i>Housing material</i>	<i>Polycarbonate, polyamide 6.6</i>
<i>Conformity marking</i>	<i>CE</i>
<i>Surrounding air temperature (operation)</i>	<i>0 ... 55 °C</i>
<i>Surrounding air temperature (storage)</i>	<i>-25 ... 85 °C</i>
<i>Degree of protection</i>	<i>IP20</i>
<i>Degree of pollution (5)</i>	<i>2 per IEC 61131-2</i>
<i>Relative air humidity (no condensation) [%]</i>	<i>95 [%]</i>
<i>Mounting position</i>	<i>any</i>
<i>Type of mounting</i>	<i>DIN-35 rail</i>
<i>Vibration resistance</i>	<i>acc. to IEC 60068-2-6</i>
<i>Shock resistance</i>	<i>15g per IEC 60068-2-27</i>
<i>EMC immunity to interference</i>	<i>acc. to EN 61000-6-2, marine applications</i>
<i>EMC emission of interference</i>	<i>acc. to EN 61000-6-3, marine applications</i>
<i>Exposure to pollutants</i>	<i>Per IEC 60068-2-42 and IEC 60068-2-43</i>
<i>Permissible H2S contaminant concentration at a re</i>	<i>10 [ppm]</i>
<i>Permissible SO2 contaminant concentration at a re</i>	<i>25 [ppm]</i>
<i>Packaging type</i>	<i>BOX</i>
<i>Product Family</i>	<i>PFC Controllers</i>
<i>Main product function</i>	<i>PFC200 controllers</i>

Images & drawings









## Address

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Technische Änderungen und Irrtümer vorbehalten.