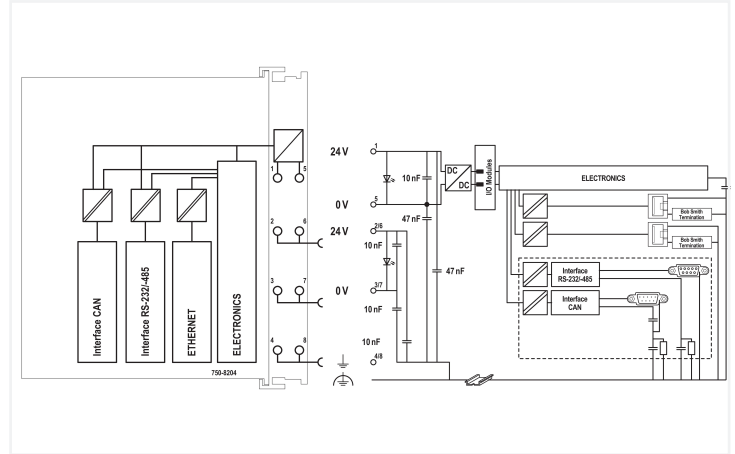
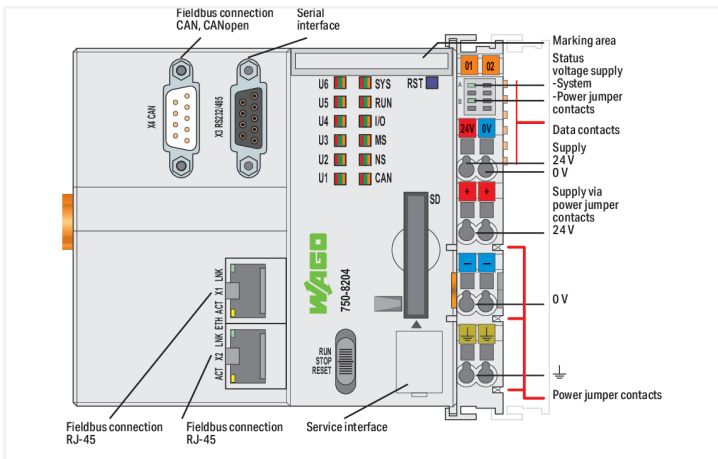


**Data Sheet | Item Number: 750-8204**  
**Controller PFC200; 2 x ETHERNET, RS-232/-485, CAN, CANopen**

<https://www.wago.com/750-8204>



Color: ■ light gray



**Note:**  
 For this item, a successor is available: [750-8214](#)

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, CAN, CANopen
- Linux operating system with RT-Preempt patch
- Configuration via CODESYS, **e!COCKPIT** or Web-Based Management interface
- Maintenance-free

### Material data

Color	light gray
Fire load	2.676 MJ
Weight	246.7 g

### Commercial data

Product Group	15 (I/O System)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821739487
Customs tariff number	85371091990
End of Sale	2020-12-31
End of Production	2021-01-05
End of Delivery	2021-01-15
End of Service and Repair	2022-12-31

### Product Classification

UNSPSC	32151705
eCl@ss 10.0	27-24-26-07
eCl@ss 9.0	27-24-26-07
ETIM 9.0	EC000236
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

CAS-No.	12060-00-3 1303-86-2 1317-36-8 693-98-1 7439-92-1 79-94-7 80-05-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 2-methylimidazole 4,4'-isopropylidenediphenol Diboron trioxide Lead Lead monoxide Lead titanium oxide (PbTiO <sub>3</sub> ) Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	74b32d0a-7550-4e03-b98d-052eb3b07115
SCIP notification number (Belgium)	92149efd-f6be-426f-aa5a-86284c65b68b
SCIP notification number (Bulgaria)	064ca148-7e86-4348-9bcf-1c4d4c6edb56
SCIP notification number (Czech Republic)	8cc1aad5-6a51-4557-94c6-bc98320bb26e
SCIP notification number (Denmark)	6d49d2fe-4429-4359-8a31-404a67920ab4
SCIP notification number (Finland)	0875e752-56c3-4a55-b6b5-3b10addd0568
SCIP notification number (France)	a0d27508-ee80-45a3-85a5-e0c9ad953f81
SCIP notification number (Germany)	3a586e71-db92-4d3c-9b3a-d63fef15e540
SCIP notification number (Hungary)	b35099c1-1e24-48e1-bdca-cae026f17404
SCIP notification number (Italy)	1ccf2f2a-1057-4a6e-baa9-53abaa2b4b43
SCIP notification number (Netherlands)	f51b8938-bd06-4eae-826a-66256e2bc037
SCIP notification number (Poland)	fd87595f-e936-4e34-ae51-7467e8f64fba
SCIP notification number (Romania)	0eeb9881-7156-46dd-afd5-b3d246834c47
SCIP notification number (Sweden)	abba07cf-157d-4cc6-a75f-098b50e6cf31

**Approvals / Certificates**

**Declarations of conformity and manufacturer's declarations**

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Approvals for marine applications**



Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	25-0415412
DNV DNV GL SE	DNV-CG-0339, Aug. 2021	TAA0000194
LR Lloyds Register EMEA	-	LR22180952TA
PRS Polski Rejestr Statków	-	TE/1101/880590/23
RINA RINA Germany GmbH	-	ELE343521XG001

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 750-8204 <a href="#">↓</a>

**Documentation**

Manual			
Cyber Security for Controller PFC100 / PFC200	V 1.2.1 12.02.2025	pdf 3344.50 KB	<a href="#">↓</a>
PFC200 CS 2ETH RS CAN	3.12.0 29.08.2022	pdf 8258.34 KB	<a href="#">↓</a>
Product Manual WAGO MODBUS Master Configurator	V 1.1.0	pdf 1761.59 KB	<a href="#">↓</a>

Tutorial			
Establish connection to a controller using SSH	1.0 05.08.2017	mp4 28368.02 KB	<a href="#">↓</a>
Set IP address with Ethernet Settings	3.0 18.12.2017	mp4 86272.82 KB	<a href="#">↓</a>

Additional Information			
External license agreement for open source software	V 1.0.0	pdf 1482.55 KB	<a href="#">↓</a>

Bid Text			
750-8204	19.02.2019	xml 7.67 KB	<a href="#">↓</a>
750-8204	23.01.2019	docx 20.30 KB	<a href="#">↓</a>

## Application Notes

## Application Note CoDeSys 2.3

Application note for installing a MySQL-Server on a PFC-Controller	1.0.4 16.05.2019	zip 4392.22 KB	<a href="#">↓</a>
Application note Cloud Connectivity	2019-09-17 17.09.2019	zip 3973.74 KB	<a href="#">↓</a>
HART Tool Routing via ETHERNET with 750-820x/750-88x and CODESYS 2.3 (a116120)	1.0.0 22.03.2019	pdf 3798.36 KB	<a href="#">↓</a>
Using the web visualization with Java™ runtime environment (JRE, JVM) 7 update 51 (7u51) (a500690)	1.2.4 26.02.2019	zip 4896.43 KB	<a href="#">↓</a>
How to use Matlab code in a CODESYS project (a500710)	1.0.0 09.04.2014	zip 2633.79 KB	<a href="#">↓</a>
Application Note Power-Measurement_03 Library	19.01.2011 19.03.2012	zip 932.08 KB	<a href="#">↓</a>
Application Note: DMX_02	26.04.2017 26.04.2017	zip 733.43 KB	<a href="#">↓</a>
HVAC System Macros	10.03.2017 15.03.2019	zip 13252.92 KB	<a href="#">↓</a>
Application Note: Mp-Bus_03 Library	2020-08-14 14.08.2020	zip 513.66 KB	<a href="#">↓</a>
Connection of a Thermokon Thanos SR L MODBUS room control unit to the WAGO-I/O-SYSTEM	02.05.2013 13.05.2013	zip 305.89 KB	<a href="#">↓</a>
Anbindung der HKW-Elektronik Wetterprognose-Station WS-K xx T ModBus	1.1 07.07.2017	zip 762.78 KB	<a href="#">↓</a>
Application Note Scheduler_03.lib	20.05.2011 20.05.2011	zip 1717.92 KB	<a href="#">↓</a>
GRUNDFOS GENIbus interface, application note	20.03.2017 20.03.2017	zip 279.86 KB	<a href="#">↓</a>
Connection of Thermokon Multi-function room control units WRF 08	10.04.2019 10.04.2019	zip 855.84 KB	<a href="#">↓</a>
Connection of DMX devices to the WAGO-I/O-SYSTEM via the ArtNet-DMX STAGE-PROFI 1.1	11.01.2013 11.01.2013	zip 1450.63 KB	<a href="#">↓</a>
Connection of Thermokon Multi-function room control units WRF 06	10.04.2019 08.04.2016	zip 826.10 KB	<a href="#">↓</a>
Application Note for the 750-494 3-Phase Power Measurement Module	24.01.2014 11.11.2014	zip 1629.99 KB	<a href="#">↓</a>
Application Note: EnOcean_06 Library	30.11.2016 30.11.2016	zip 822.25 KB	<a href="#">↓</a>
Application Note for the 750-495 3-Phase Power Measurement Module	24.01.2014 24.01.2014	zip 1806.18 KB	<a href="#">↓</a>
Application Note Library WagoDatalogger_02	2020-05-20 20.05.2020	zip 1256.74 KB	<a href="#">↓</a>
Application Note Weather Station Elsner P03 Modbus	01.12.2011 28.10.2011	zip 269.09 KB	<a href="#">↓</a>

## Application Note CoDeSys 2.3

Application note: DALI 753-647 Configuration Interface	1.0.2 29.04.2019	zip 3032.71 KB	<a href="#">↓</a>
HLK-Anlagenmakros für TRIC	2015-07-10 10.07.2015	zip 74963.43 KB	<a href="#">↓</a>
Application Note Library ModuleAccess_01	05.01.2016 29.01.2016	zip 1001.22 KB	<a href="#">↓</a>
Anwendungshinweis für die Steuerung eines Iigus robolink	12.11.2015 12.11.2015	zip 1281.38 KB	<a href="#">↓</a>

## Application Note e!COCKPIT

eCOCKPIT application note installation MySQL-Server	1.0.3 09.09.2019	pdf 1868.46 KB	↓
CODESYS 3 Application Note WagoAppCloud	2022-11-04 04.11.2022	zip 2678.52 KB	↓
HART Tool Routing via ETHERNET with 750-820x and e!RUN-TIME (a116130)	1.0.0 22.03.2019	pdf 2867.01 KB	↓
SNMP Communication (a500850)	1.1.0 20.02.2020	zip 3743.05 KB	↓

## CAD/CAE-Data

CAD data	CAE data
2D/3D Models 750-8204	EPLAN Data Portal 750-8204
	WSCAD Universe 750-8204
	ZUKEN Portal 750-8204

## Runtime Software

Firmware			
Image Update (SD Karte) PFC100/200 für Codesys V2.3 u. Elcockpit	V 22 SP1 12.12.2022	zip 205815.20 KB	↓
WUP Update (WAGOuploadTool) PFC100/200 Codesys V2.3 u. Elcockpit	V 22 SP1 12.12.2022	zip 203580.70 KB	↓

## Libraries

Library			
WagoCANLayer2_01	1.0.1	pdf 770.37 KB	↓
WagoConfigToolLIB	1.0.0 08.10.2013	pdf 340.92 KB	↓
WagoLibLed	1.0.0	pdf 504.39 KB	↓
WagoLibNetSnmpManager	1.1.0	pdf 1090.83 KB	↓
WagoLibDiagnosticIDs	1.0.0	pdf 291.17 KB	↓
WagoLibCpuUsage	1.0.0	pdf 259.51 KB	↓
WagoCANLayer2_02	1.0.0	pdf 847.63 KB	↓
WagoCANopen_02	1.0.1	pdf 1024.23 KB	↓
Library WagoLib-Cloud_02.lib	2.2.4 21.01.2020	zip 56.21 KB	↓

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

Current addresses can be found at: [www.wago.com](http://www.wago.com)