Data Sheet | Item Number: 750-8202

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

https://www.wago.com/750-8202

Note:
For this item, a successor is available: 750-8212

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's I/O modules
- 2 x ETHERNET (configurable), RS-232/485
- 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	2.273 MJ
Weight	206 g

Commercial data

Product Group	15 (I/O System)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821739463
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

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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 80-43-3
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 (PbTiO3) Peroxide, bis(1-methyl-1-phenylethyl)
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II 7c
SCIP notification number (Austria)	b6db88de-0ba5-4c8d-b499-6374a9de555b
SCIP notification number (Belgium)	3dad1662-1277-4ca8-a7ff-2e36316fcc68
SCIP notification number (Bulgaria)	7a77004f-182b-49ee-a6ca-3fad081b7266
SCIP notification number (Czech Republic)	a6a30ac2-939f-4093-9394-9f33cdb08287
SCIP notification number (Denmark)	ddb3f63f-af93-4bf3-a141-52c589339bec
SCIP notification number (Finland)	1da90848-778a-4e90-9aa8-365987f84213
SCIP notification number (France)	938f1579-05c4-4f96-ae47-23fd156d35f7
SCIP notification number (Germany)	1abe7d15-6b77-4072-9854-d065ec85d958
SCIP notification number (Hungary)	b1128fc4-a5a4-4668-8e84-bdced21dcd73
SCIP notification number (Italy)	28155dba-0531-4f02-85d2-6cfccbccc057
SCIP notification number (Netherlands)	7c34b127-34c7-45ab-83d1-7512440f4cd0
SCIP notification number (Poland)	b123ea28-d24a-40ab-ab8d-6d18866fc825
SCIP notification number (Romania)	ef2ac11b-6815-41fe-a8c5-ba1b3c282665
SCIP notification number (Sweden)	241ff343-7a80-46e5-ba68-157eeecefc30

Approvals / Certificates

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

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Downloads

Documentation

Manual

Cyber Security for Controller PFC100 / PFC200	V 1.2.1 12.02.2025	pdf 3344.50 KB	
Product Manual WAGO MODBUS Master Configurator	V 1.1.0	pdf 1761.59 KB	
PFC200 CS 2ETH RS	3.12.0 29.08.2022	pdf 7334.59 KB	

Tutorial

Establish connection to a controller using SSH	1.0 05.08.2017	mp4 28368.02 KB	
Set IP address with Ethernet Settings	3.0 18.12.2017	mp4 86272.82 KB	

Bid Text

750-8202	19.02.2019	xml 7.62 KB	
750-8202	23.01.2019	docx 19.59 KB	

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	
Application note Cloud Connectivity	2019-09-17 17.09.2019	zip 3973.74 KB	
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	
Erreichen der Linuxkonsole des PFC200 (a100701)	1.0.0 29.08.2016	zip 509.13 KB	
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	
Application Note PowerMeasurement_03 Library	19.01.2011 19.03.2012	zip 932.08 KB	
Application Note: DMX_02	26.04.2017 26.04.2017	zip 733.43 KB	
HVAC System Macros	10.03.2017 15.03.2019	zip 13252.92 KB	
Application Note: MpBus_03 Library	2020-08-14 14.08.2020	zip 513.66 KB	
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	
Anbindung der HKW-Elektronik Wetterprognose-Station WS-K xx T ModBus	1.1 07.07.2017	zip 762.78 KB	
Application Note Scheduler_03.lib	20.05.2011 20.05.2011	zip 1717.92 KB	
GRUNDFOS GENIbus interface, application note	20.03.2017 20.03.2017	zip 279.86 KB	

Application Note CoDeSys 2.3

Connection of Thermokon Multi-function room control units WRF 08	10.04.2019 10.04.2019	zip 855.84 KB	
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	
Connection of Thermokon Multi-function room control units WRF 06	10.04.2019 08.04.2016	zip 826.10 KB	
Application Note for the 750-494 3-Phase Power Measurement Module	24.01.2014 11.11.2014	zip 1629.99 KB	
Application Note: EnOcean_06 Library	30.11.2016 30.11.2016	zip 822.25 KB	
Application Note for the 750-495 3-Phase Power Measurement Module	24.01.2014 24.01.2014	zip 1806.18 KB	
Application Note Library WagoDatalogger_02	2020-05-20 20.05.2020	zip 1256.74 KB	
Application Note Weather Station Elsner P03 Modbus	01.12.2011 28.10.2011	zip 269.09 KB	
Application note: DALI 753-647 Configuration Interface	V1.0.2 29.04.2019	zip 3032.71 KB	
HLK-Anlagenmakros für TRIC	2015-07-10 10.07.2015	zip 74963.43 KB	
Application Note Library ModuleAccess_01	05.01.2016 29.01.2016	zip 1001.22 KB	
Anwendungshinweis für die Steuerung eines Igus robolink	12.11.2015 12.11.2015	zip 1281.38 KB	

Continued on next page

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!RUNTIME (a116130)	1.0.0 22.03.2019	pdf 2867.01 KB	
SNMP Communication (a500850)	1.1.0 20.02.2020	zip 3743.05 KB	

Application note, other			
Get forecast from OpenWeatherMap.org (a303110)	1.0.0 30.08.2018	zip 634.92 KB	
Get forecast from WorldWeatherOnline.com (a303100)	1.0.0 30.08.2018	zip 524.61 KB	

CAD/CAE-Data

CAD data			
2D/3D Models 750-8202			

CAE data			
EPLAN Data Portal 750-8202			
WSCAD Universe 750-8202			
ZUKEN Portal 750-8202			

Runtime Software

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

Libraries

Library			
WagoLibFTPS_01	1.17 09.11.2020	zip 401.90 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	
Library WagoLibCloud_02.lib	2.2.4 21.01.2020	zip 56.21 KB	
WAGO_Datalogger_02.lib	2.7 20.05.2020	zip 662.90 KB	
ModuleAccess_01.lib	1.8.7 27.01.2020	zip 2114.60 KB	

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