

Kontrolör PFC200; 2. nesil; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS Slave; Geniş. sıcaklık; açık gri

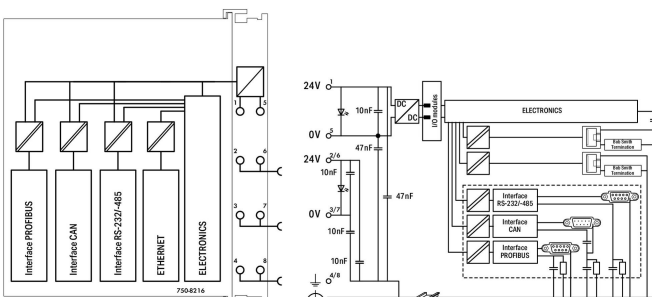
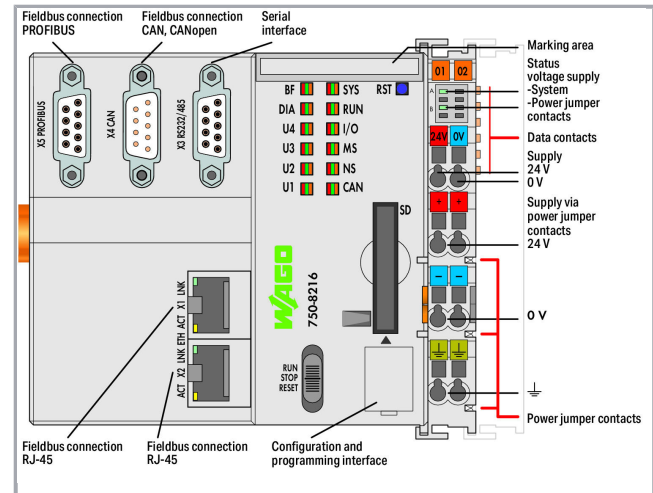
www.wago.com/750-8216/025-000

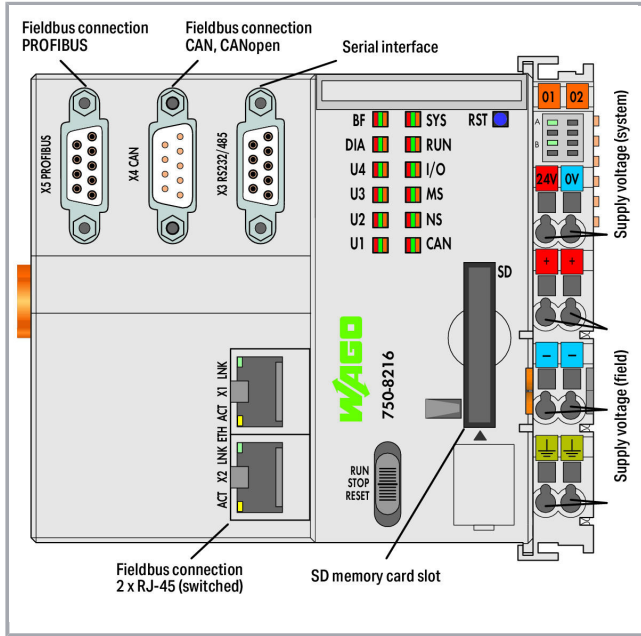


RoHS 
Compliant



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Renk: 



Ürün tanımı

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, PROFIBUS DP Slave
- Linux operating system with RT-Preempt patch
- Configuration via CODESYS, e!COCKPIT or Web-Based Management user interface
- Maintenance-free

Veri

Technical Data

İletişim

PROFIBUS
CANopen
Modbus TCP
Ethernet
Modbus RTU
RS-232 serial interface
RS-485 interface



EtherNet/IP-Adapter (Slave), Bibliothek für e!RUNTIME
 EtherCAT-Master (mit Zusatzlizenz)
 MQTT

Protokoller	DHCP DNS NTP FTP FTPS SNMP HTTP HTTPS SSH
Visualization	Web-Visu
İşletim sistemi	Gerçek zamanlı Linux 3.6 (RT-Preemption yamalı)
CPU	Cortex A8; 1 GHz
Programming languages per IEC 61131-3	Instruction List (IL) Ladder Diagram (LD) Function Block Diagram (FBD), Continuous Function Chart (CFC) Structured Text (ST) Sequential Function Chart (SFC)
Programlama	e!COCKPIT (based on CODESYS V3) WAGO-I/O-PRO V2.3
Configuration options	e!COCKPIT WAGO-I/O-CHECK Web-based management e!RUNTIME library CODESYS Library
Baud rate (communication/fieldbus 1)	10/100 Mbit/s
Baud rate	ETHERNET: 10/100 Mbit/s
Transmission medium (communication/fieldbus)	ETHERNET: Twisted Pair S-UTP; 100 Ω; Cat. 5; Line length (max.): 100 m
Ana bellek (RAM)	512 MB
Dahili bellek (flaş)	4000 MB
Hardware non-volatile memory	128 Kbytes
Program memory	CODESYS V2: 16 MB; e!RUNTIME: 60 MB (Program and data memory (dynamically distributed))
Data memory	CODESYS V2: 64 MB; e!RUNTIME: 60 MB Program and data memory (dynamically distributed)
Software non-volatile memory	128 Kbytes
Hafıza kartı tipi	32 GB'a kadar SD ve SDHC (Garanti edilen tüm özellikler sadece WAGO 758-879/000-001 hafıza kartı ile geçerlidir.)
Memory card slot	Push-push mechanism, sealable cover lid
I/O modülü sayısı (düğüm başına)	250
Number of I/O modules without bus extension max.	64
Input and output process image (internal) max.	1000 Worte/1000 Worte
Input and output process image (MODBUS) max.	1000 Worte/1000 Worte
Input and output process image (PROFIBUS) max.	244 Byte/244 Byte



Input and output process image (CAN) max.	2000 Worte/2000 Worte
Indicators	LED (SYS, RUN, I/O, CAN, BF, DIA, U1 ... U4) red/green/orange: Status system, program, internal data bus, CANopen, PROFIBUS, PROFIBUS diagnostics, status programmable by user (can be used via CODESYS library); LED (A, B) green: System power supply status, field supply
System supply voltage	DC 24 V(-25 ... +30 %); via wiring level (CAGE CLAMP® connection)
Anma yükünde giriş akımı tip. (24 V)	550 mA
Total current for system supply	1.700 mA
Field supply voltage	DC 24 V (-25 ... +30 %); via power jumper contacts
Current carrying capacity of the power jumper contacts	10 A
Number of outgoing power jumper contacts	3
İzolasyon	500 V sistem/besleme

Bağlantı verisi

Connection technology: communication/fieldbus	PROFIBUS: 1 x D-Sub 9 socket; CANopen: 1 x D-Sub 9 connector; Modbus TCP/UDP: 2 x RJ-45; Modbus RTU: 1 x D-Sub 9 socket; RS-232 serial interface: 1 x D-sub 9 socket; RS-485 interface: 1 x D-Sub 9 socket
Connection technology: system supply	2 x CAGE CLAMP®
Connection technology: field supply	6 x CAGE CLAMP®
Connection type (1)	System/field supply
Tek damarlı boylar	0,08 ... 2,5 mm² / 28 ... 14 AWG
İnce bükümlü kablolar	0,08 ... 2,5 mm² / 28 ... 14 AWG
Sıyırma uzunluğu	8 ... 9 mm / 0.31 ... 0.35 inch
Connection technology: Device configuration	1 x 4-pole male connector

Geometrical Data

Width	112 mm / 4.409 inch
Height	71,9 mm / 2.831 inch
DIN rayın üst kenarından yükseklik	64,7 mm / 2.547 inch
Depth	100 mm / 3.937 inch

Mekanik Veri

Ağırlık	264,2
Renk	açık gri
Gövde malzemesi	Polycarbonate, polyamide 6.6
Uygunluk işareti	CE

Environmental Requirements

Surrounding air (operating) temperature	-20 ... 60 °C
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Surrounding air (storage) temperature	-40 ... 85 °C
Koruma sınıfı	IP20
Kirlilik derecesi (5)	2 per IEC 61131-2
Çalışma yüksekliği	without temperature derating: 0 ... 2000 m; with temperature derating: 2000 ... 5000 m (0.5 K/100 m); max.: 5000 m
Nisbi nem (yoğuşmasız)	95 %
Relative humidity	Short-term condensation per Class 3K6/IEC EN 60721-3-3 and E DIN 40046-721-3, taking a temperature range of -20 ... +60 °C into consideration (except wind-driven precipitation, water and ice formation)
Montaj pozisyonu	herhangi
Montaj tipi	DIN 35 ray
Titreşime dayanıklı	4g per IEC 60068-2-6
Darbe direnci	15g per IEC 60068-2-27
EMV-Störfestigkeit	acc. to EN 61000-6-2, marine applications
EMU: 1 - enterferans emisyonu	acc. to EN 61000-6-3, marine applications
Kirletici maddelere maruziyet	Per IEC 60068-2-42 and IEC 60068-2-43
Permissible H ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Ticari Veri

SAP'den ambalaj tipi	BOX
Country of origin	DE
GTIN	4055143765084
Customs Tariff No.	85371091990

Onaylar / Belgeler

Ex-Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	ATEX TUEV Nord Cert GmbH	EN 60079	TUEV_14_ATEX_148929_X
	ATEX TUEV Nord Cert GmbH	IEC 60079-0	IECEx_TUN_14.0035_X
	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

Country specific Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM- W43- PFC750

Ship Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	ABS American Bureau of Shipping	-	19- HG1821812- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA00001J4
	PRS Polski Rejestr Statków	-	TE/2237 /880590/19

UL-Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199 Sec11

Uyumlu ürünler

General accessories

	Ürün no.: 750-921 Bluetooth® Adaptörü; açık gri	www.wago.com/750-921
	Ürün no.: 750-923 Konfigürasyon kablosu; USB konnektörü; Uzunluk: 2,5 m; siyah	www.wago.com/750-923



Ürün no.: 750-923/000-001

Konfigürasyon kablosu; USB konnektörü; Uzunluk: 5 m

www.wago.com/750-923/000-001

Marking accessories

	Ürün no.: 2009-145 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; beyaz	www.wago.com/2009-145
	Ürün no.: 2009-145/000-002 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; sarı	www.wago.com/2009-145/000-002
	Ürün no.: 2009-145/000-005 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; kırmızı	www.wago.com/2009-145/000-005
	Ürün no.: 2009-145/000-006 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; mavi	www.wago.com/2009-145/000-006
	Ürün no.: 2009-145/000-007 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; gri	www.wago.com/2009-145/000-007
	Ürün no.: 2009-145/000-012 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; turuncu	www.wago.com/2009-145/000-012
	Ürün no.: 2009-145/000-023 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; yeşil	www.wago.com/2009-145/000-023
	Ürün no.: 2009-145/000-024 Mini-WSB Inline; Smart Printer için; makarada; uzatılabilir 5 - 5,2 mm; düz; takma tipi; menekşe	www.wago.com/2009-145/000-024
	Ürün no.: 248-501 Minyatür WSB Hızlı etiketleme sistemi; düz; Etiket genişliği 5 mm; her kartta 10 etiketli 10 şerit	www.wago.com/248-501
	Ürün no.: 248-501/000-002 Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; sarı	www.wago.com/248-501/000-002
	Ürün no.: 248-501/000-005 Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; kırmızı	www.wago.com/248-501/000-005
	Ürün no.: 248-501/000-006 Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; mavi	www.wago.com/248-501/000-006
	Ürün no.: 248-501/000-007 Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; gri	www.wago.com/248-501/000-007
	Ürün no.: 248-501/000-012 Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; turuncu	www.wago.com/248-501/000-012

**Ürün no.: 248-501/000-017**

Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; açık yeşil

www.wago.com/248-501/000-017**Ürün no.: 248-501/000-023**

Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; yeşil

www.wago.com/248-501/000-023**Ürün no.: 248-501/000-024**

Mini-WSB etiket kartı; kart şeklinde; not stretchable; düz; takma tipi; menekşe

www.wago.com/248-501/000-024**Ürün no.: 750-103**

Grup etiket taşıyıcı

www.wago.com/750-103**Ürün no.: 750-107**

Grup etiket taşıyıcı

www.wago.com/750-107**memory card****Ürün no.: 758-879/000-001**

Hafıza kartı SD; SLC-NAND; 2 GByte; Sıcaklık -40 ila 90 °C

www.wago.com/758-879/000-001**shield connection****Ürün no.: 790-108**

Blendaj sıkıştırma yuvası; 11 mm genişlik; uyumlu iletken çapı; 3 ... 8 mm

www.wago.com/790-108**Ürün no.: 790-116**

Blendaj sıkıştırma yuvası; 19 mm genişlik; uyumlu iletken çapı; 7 ... 16 mm

www.wago.com/790-116**Ürün no.: 790-124**

Blendaj sıkıştırma yuvası; 27 mm genişlik; uyumlu iletken çapı; 6 ... 24 mm

www.wago.com/790-124**Ürün no.: 790-140**

Blendaj sıkıştırma yuvası; uyumlu iletken çapı

www.wago.com/790-140**Ürün no.: 790-208**

Blendaj sıkıştırma yuvası; 12,4 mm genişlik; 3 ... 8 mm

www.wago.com/790-208**Ürün no.: 790-216**

Blendaj sıkıştırma yuvası; 21,8 mm genişlik; 6 ... 16 mm

www.wago.com/790-216**Ürün no.: 790-220**

Blendaj sıkıştırma yuvası; 30 mm genişlik; 6 ... 20 mm

www.wago.com/790-220**wiring and connectors****Ürün no.: 750-960**

Fieldbus Konnektörü PROFIBUS; D-sub erkek konnektörlü; 9 kutuplu; açık gri

www.wago.com/750-960**Ürün no.: 750-963**

Fieldbus Konnektörü CANopen; D-sub dişi konnektörlü; 9 kutuplu; açık gri

www.wago.com/750-963**Ürün no.: 750-975**

Ethernet RJ-45 konnektörü, IP20; ETHERNET 10/100 Mbit/s; yerinde montaj için; açık gri

www.wago.com/750-975**Ürün no.: 750-977/000-011**

Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568A; AWG 22

www.wago.com/750-977/000-011



Ürün no.: 750-977/000-012
Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568B; AWG 22

www.wago.com/750-977/000-012



Ürün no.: 750-977/000-021
Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568A; AWG 24

www.wago.com/750-977/000-021



Ürün no.: 750-977/000-022
Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568B; AWG 24

www.wago.com/750-977/000-022



Ürün no.: 750-978/000-011
Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568A; AWG 22; Burkulmayı önleme

www.wago.com/750-978/000-011



Ürün no.: 750-978/000-012
Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568B; AWG 22; Burkulmayı önleme

www.wago.com/750-978/000-012



Ürün no.: 750-978/000-021
Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568A; AWG 24; Burkulmayı önleme

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Ürün no.: 750-978/000-022
Konnektör ETHERNET; RJ-45; Cat. 6A; düz; Kod T568B; AWG 24; Burkulmayı önleme

www.wago.com/750-978/000-022



Ürün no.: 750-979/000-011
Konnektör ETHERNET; RJ-45; Cat. 6A; açılı; Kod T568A; AWG 22; Burkulmayı önleme

www.wago.com/750-979/000-011



Ürün no.: 750-979/000-012
Konnektör ETHERNET; RJ-45; Cat. 6A; açılı; Kod T568B; AWG 22; Burkulmayı önleme

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Ürün no.: 750-979/000-022
Konnektör ETHERNET; RJ-45; Cat. 6A; açılı; Kod T568B; AWG 24; Burkulmayı önleme

www.wago.com/750-979/000-022

system box



Ürün no.: 850-804
IP65 gövde; Paslanmaz çelik; G x Y x D (400 x 123 x 200 mm); 4 x M20, 16 x M16, 28 x M12 kablo çorabı

www.wago.com/850-804



Ürün no.: 850-804/000-001
IP65 gövde; Paslanmaz çelik; G x Y x D (400 x 123 x 200 mm); 2 x M20, 13 x M16, 32 x M12 kablo çorabı

www.wago.com/850-804/000-001



Ürün no.: 850-805
IP65 gövde; Paslanmaz çelik; G x Y x D (600 x 123 x 200 mm); 4 x M20, 19 x M16, 67 x M12 kablo çorabı

www.wago.com/850-805



Ürün no.: 850-814/002-000
IP65 gövde; Çelik sac (RAL 7035); G x Y x D (200 x 120 x 200 mm); flanş plakası

www.wago.com/850-814/002-000

	Ürün no.: 850-815/002-000 IP65 gövde; Çelik sac (RAL 7035); G x Y x D (300 x 120 x 200 mm); flanş plakasız	www.wago.com/850-815/002-000
	Ürün no.: 850-816/002-000 IP65 gövde; Çelik sac (RAL 7035); G x Y x D (400 x 120 x 200 mm); flanş plakasız	www.wago.com/850-816/002-000
	Ürün no.: 850-817/002-000 IP65 gövde; Çelik sac (RAL 7035); G x Y x D (600 x 120 x 200 mm); flanş plakasız	www.wago.com/850-817/002-000
	Ürün no.: 850-825 IP65 gövde; Alüminyum (RAL 7032); G x Y x D (160 x 100 x 160 mm); 9 x M12, 4 x M20	www.wago.com/850-825
	Ürün no.: 850-826 IP65 gövde; Alüminyum (RAL 7032); G x Y x D (240 x 100 x 160 mm); 4 x M20, 4 x M16, 14 x M12 kablo çorabı	www.wago.com/850-826
	Ürün no.: 850-826/002-000 IP65 gövde; Alüminyum (RAL 7035); G x Y x D (240 x 100 x 160 mm); 4 x M20, 4 x M16, 14 x M12 kablo çorabı	www.wago.com/850-826/002-000
	Ürün no.: 850-827 IP65 gövde; Alüminyum (RAL 7032); G x Y x D (320 x 100 x 160 mm); 4 x M20, 8 x M16, 17 x M12 kablo çorabı	www.wago.com/850-827
	Ürün no.: 850-827/002-000 IP65 gövde; Alüminyum (RAL 7035); G x Y x D (320 x 100 x 160 mm); 4 x M20, 8 x M16, 17 x M12 kablo çorabı	www.wago.com/850-827/002-000
	Ürün no.: 850-828 IP65 gövde; Alüminyum (RAL 7032); G x Y x D (480 x 100 x 160 mm); 4 x M20, 10 x M16, 35 x M12 kablo çorabı	www.wago.com/850-828
	Ürün no.: 850-828/002-000 IP65 gövde; Alüminyum (RAL 7035); G x Y x D (480 x 100 x 160 mm); 4 x M20, 10 x M16, 35 x M12 kablo çorabı	www.wago.com/850-828/002-000
	Ürün no.: 850-834 IP65 gövde; Polyester (RAL 7032); G x Y x D (164 x 100 x 164 mm); 9 x M12, 4 x M20	www.wago.com/850-834
	Ürün no.: 850-835 IP65 gövde; Polyester (RAL 7032); G x Y x D (244 x 100 x 164 mm); 4 x M20, 4 x M16, 14 x M12 kablo çorabı	www.wago.com/850-835
	Ürün no.: 850-836 IP65 gövde; Polyester (RAL 7032); G x Y x D (324 x 100 x 164 mm); 4 x M20, 8 x M16, 17 x M12 kablo çorabı	www.wago.com/850-836
Carrier rail		
	Ürün no.: 210-112 Çelik taşıyıcı ray; 35 x 7,5 mm; 1 mm kalınlık; 2 m uzunluk; yuvalı; EN 60715'e göre; "Delik genişliği 25 mm	www.wago.com/210-112
	Ürün no.: 210-113 Çelik taşıyıcı ray; 35 x 7,5 mm; 1 mm kalınlık; 2 m uzunluk; yuvasız; EN 60715'e göre	www.wago.com/210-113
	Ürün no.: 210-114 Çelik taşıyıcı ray; 35 x 15 mm; 1,5 mm kalınlık; 2 m uzunluk; yuvasız; EN 60715'e benzer	www.wago.com/210-114

	Ürün no.: 210-115 Çelik taşıyıcı ray; 35 x 7,5 mm; 1 mm kalınlık; 2 m uzunluk; yuvalı; EN 60715'e göre; "Delik genişliği 18 mm"	www.wago.com/210-115
	Ürün no.: 210-118 Çelik taşıyıcı ray; 35 x 15 mm; 2,3 mm kalınlık; 2 m uzunluk; yuvasız; EN 60715'e göre	www.wago.com/210-118
	Ürün no.: 210-196 Alüminyum taşıyıcı ray; 35 x 8,2 mm; 1,6 mm kalınlık; 2 m uzunluk; yuvasız; EN 60715'e benzer; gümüş-renkli	www.wago.com/210-196
	Ürün no.: 210-197 Çelik taşıyıcı ray; 35 x 15 mm; 1,5 mm kalınlık; 2 m uzunluk; yuvalı; EN 60715'e benzer	www.wago.com/210-197
	Ürün no.: 210-198 Bakır taşıyıcı ray; 35 x 15 mm; 2,3 mm kalınlık; 2 m uzunluk; yuvasız; EN 60715'e göre; bakır-renkli	www.wago.com/210-198
	Ürün no.: 210-504 Çelik taşıyıcı ray; 35 x 7,5 mm; 1 mm kalınlık; 2 m uzunluk; yuvalı; galvanize; EN 60715'e göre	www.wago.com/210-504
	Ürün no.: 210-505 Çelik taşıyıcı ray; 35 x 7,5 mm; 1 mm kalınlık; 2 m uzunluk; yuvasız; galvanize; EN 60715'e göre	www.wago.com/210-505
	Ürün no.: 210-506 Çelik taşıyıcı ray; 35 x 15 mm; 1,5 mm kalınlık; 2 m uzunluk; yuvasız; galvanize; EN 60715'e benzer	www.wago.com/210-506
	Ürün no.: 210-508 Çelik taşıyıcı ray; 35 x 15 mm; 1,5 mm kalınlık; 2 m uzunluk; yuvalı; galvanize; EN 60715'e benzer	www.wago.com/210-508
software		
	Ürün no.: 2759-101/1110-2002 e!COCKPIT; Workstation License	www.wago.com/2759-101/1110-2002
	Ürün no.: 2759-101/1110-2005 e!COCKPIT; Çok Kullanıcı Lisansı; 05 adet	www.wago.com/2759-101/1110-2005
	Ürün no.: 2759-101/1110-2010 e!COCKPIT; Çok Kullanıcı Lisansı; 10 adet	www.wago.com/2759-101/1110-2010
	Ürün no.: 2759-101/1110-2015 e!COCKPIT; Çok Kullanıcı Lisansı; 15 adet	www.wago.com/2759-101/1110-2015
	Ürün no.: 2759-101/1110-2020 e!COCKPIT; Çok Kullanıcı Lisansı; 20 adet	www.wago.com/2759-101/1110-2020
	Ürün no.: 2759-101/1110-3000 e!COCKPIT; Ofis Lisansı	www.wago.com/2759-101/1110-3000
	Ürün no.: 2759-101/1110-4000 e!COCKPIT; Ömür boyu lisans	www.wago.com/2759-101/1110-4000
	Ürün no.: 759-333 WAGO-I/O-PRO	www.wago.com/759-333



Ürün no.: 759-333/000-923
WAGO-I/O-PRO; USB Seti

www.wago.com/759-333/000-923



Ürün no.: 759-911
WAGO-I/O-PRO; CD

www.wago.com/759-911

Dosya İndirme Documentation

Manual

PFC200 G2 2ETH RS CAN DPS 2 x ETHERNET, RS-232 / RS-485, CAN, CANopen, PROFIBUS-DP Slave	V 1.1.1 Jul 24, 2019	pdf 5,9 MB	İndir
Cyber Security for Controller PFC100 / PFC200	V 1.2.0	pdf 8,3 MB	İndir
WAGO MODBUS Master Configurator for configuration of MODBUS networks in WAGO-I/O-PRO (CODESYS)	V 1.1.0	pdf 1,8 MB	İndir
e!RUNTIME EtherCAT® Master	V 1.1.1 Jul 23, 2019	pdf 879,5 kB	İndir

Tutorial

Establish connection to a controller using SSH In this video we are demonstrating how to establish a SSH connection with a controller using for example PuTTY to be able to work with the LINUX console. Contents: 0:21 Download and install the SSH client; 0:40 Establish the SSH connection; 0:50 Log on to the Controller	1.0 Aug 5, 2017	mp4 29,0 MB	İndir
Set IP address with Ethernet Settings In this video we are demonstrating how you can set a IP address with Ethernet Settings. Content: 00:27 – Chapter #1 Download and install software; 00:56 – Chapter #2 Open Ethernet Settings; 01:10 – Chapter #3 Establish serial Connection; 01:34 – Chapter #4 Set IP address; 02:10 – Chapter #5 Check IP address	3.0 Dec 18, 2017	mp4 88,3 MB	İndir

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265,8 kB	İndir
e!RUNTIME EtherCAT® Master	V 1.1.1 Jul 23, 2019	pdf 879,5 kB	İndir

System Description

Design Notes Basic conditions and recommendations for higher operational safety	V 2.0.0	pdf 1,5 MB	İndir
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Overview on WAGO-I/O-SYSTEM 750 approvals

pdf
780,2 kB

İndir

Controller PFC100/200, General Product Information

pdf
591,2 kB

İndir

Application Notes

Application Note CoDeSys 2.3

WagoConfigToolLIB

1.0.0

pdf
349,1 kB

İndir

The library WagoConfigToolLIB.lib library provides function blocks for accessing the device configuration (e.g., network settings, data and time, ongoing services).

ModuleAccess_01.lib

1.7
Jan 18, 2018zip
1,5 MB

İndir

The ModuleAccess_01 library provides both module configuration and access to its process data within a CoDeSys project without the use of WAGO I/O Check.

Connection of Thermokon Multi-function room control units WRF 08

Apr 10, 2019

zip
876,4 kB

İndir

The fundamental way of carrying out the communication between the WAGO I/O System and the multi-function room operating panel (WRF08 RS485 Modbus) from Thermokon is described in this application note.

Application Note for the 750-494 3-Phase Power Measurement Module

24.01.2014
Nov 11, 2014zip
1,7 MB

İndir

The application note for the 3-Phase Power Measurement Module 750-494 shows how the measured values of the power measurement module can be read. It is also shown how the power module can be configured using the WAGO-I/O-PRO- V2.3 visualization tool.

Application Note Connecting with an iPod Touch

30.03.2011
Oct 28, 2011zip
439,1 kB

İndir

This Application Note explains the basic procedures for access to the WAGO Ethernet Controller 750-8xx or the WAGO Ethernet Coupler 750-3xx using an iPod Touch.

Connection of a Thermokon Thanos SR L MODBUS room control unit to the WAGO-I/O-SYSTEM

02.05.2013
May 13, 2013zip
313,2 kB

İndir

The fundamental method of setting up communication between the WAGO I/O System and the Thanos SR L MODBUS room operating panel from Thermokon is described in this application note.

Connection of DMX devices to the WAGO-I/O-SYSTEM via the ArtNet-DMX STAGE-PROFI 1.1

11.01.2013
Jan 11, 2013zip
1,5 MB

İndir

This application note describes connecting the ArtNet-DMX STAGE-PROFI 1.1 to the WAGO-I/O-SYSTEM. The ArtNet-DMX STAGE-PROFI 1.1 can be operated as a DMX master and a DMX slave.

Application Note: DMX_02

26.04.2017
Apr 26, 2017zip
751,0 kB

İndir

This application note describes how a DMX master for DMX device control can be performed via 750-652 serial interface.



HART Tool Routing via ETHERNET with 750-820x/750-88x and CODESYS 2.3 (a116120)

1.0.0
Mar 22, 2019

pdf
3,9 MB

İndir

This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices.
With the Cerabar PMC51 (Endress+Hauser) as an example, a connection is established from any HART sensor to a WAGO PROFIBUS Controller and a WAGO ETHERNET Fieldbus Coupler. The configuration is made with the asset management software WAGOframe, PACTware und FieldCare.

Connection of Thermokon Multi-function room control units WRF 06

Apr 8, 2016

zip
845,9 kB

İndir

The fundamental method of setting up communication between the WAGO I/O System and the multi-function room operating panel (WRF06 RS485 Modbus) from Thermokon is described in this application note.

Application Note Scheduler_03.lib

May 20, 2011

zip
1,8 MB

İndir

This application note describes different applications of the Scheduler_03.lib library.

Application Note: MpBus_03 Library

2019-10-29
Oct 29, 2019

zip
523,6 kB

İndir

This Application Note explains how a WAGO fieldbus controller sets up communication to the MP-bus actuators via the MP-bus master module (750-643).

GRUNDFOS GENIbus interface, application note

20.03.2017
Mar 20, 2017

zip
286,6 kB

İndir

This application note describes how communication between the WAGO-I/O-SYSTEM and the Grundfos MAGNA series circulation pumps can be performed via GENIbus interface.

Application Note PowerMeasurement_03 Library

19.01.2011
Mar 19, 2012

zip
954,5 kB

İndir

This application note describes how current, voltage, effective power, power factor and energy consumption can be measured using 3-phase power measurement modules (750-493).

Application note Cloud Connectivity

2019-09-17
Sep 17, 2019

zip
4,1 MB

İndir

This application note explains how the WAGO controllers PFC100 and PFC200 can communicate with cloud services like Microsoft Azure (WAGO Cloud), Amazon AWS and IBM Bluemix. Data could be send to the cloud and commands could receive from the cloud. The libraries WagoLibCloud for WAGO-I/O-PRO V2.3 and WagoAppCloud for e!COCKPIT are used.

Application Note Weather Station Elsner P03 Modbus

01.12.2011
Oct 28, 2011

zip
275,6 kB

İndir

This application note describes how communication can be set up between the WAGO I/O System and the ELSNER P03/3 weather station with a Modbus interface.

Application Note Library WagoDatalogger_02

10.03.2016
Apr 4, 2016

zip
1,3 MB

İndir

This application note describes the use of the WagoDatalogger_02.lib library. Up to 80 analog or digital signals can be recorded.

Application Note Data Plotter

V 2019-07-04
Jul 5, 2019

zip
7,4 MB

İndir



The Data Plotter is a Web application that can be used as a visualization tool for the data logger. It allows the user to graphically display data captured by the data logger library (WAGO_Datalogger_02.lib for CODESYS V2.3 and WagoAppDatalogger for e! COCKPIT from V1.2.100.6023).

Application Note Library ModuleAccess_01 These instructions describe the use of the ModuleAccess_01.lib library using 4 examples.	Jan 29, 2016	zip 1,0 MB	İndir
HLK-Anlagenmakros für TRIC In dieser Zip-Datei finden Sie Vorlagen und Makros für die Planungssoftware TRIC. TRIC ist ein Werkzeug für Planer und Errichter von HLK-Anlagen, das den Richtlinien der VOB, VDI und DIN EN ISO entspricht.	Jul 10, 2015	zip 76,8 MB	İndir
Anbindung der HKW-Elektronik Wetterprognose-Station WS-K xx T ModBus Dieser Anwendungshinweis beschreibt, wie die Kommunikation zwischen dem WAGO-I/O-System und einer HKW-Elektronik Wetterprognose-Station Kompakt realisiert werden kann.	V 1.1 Jul 7, 2017	zip 781,1 kB	İndir
Anwendungshinweis für die Steuerung eines Igus robolink Der Anwendungshinweis beschreibt anhand einer Demoapplikation die Steuerung eines Igus robolink® Roboterarms mit sechs Achsen. Als Steuerung wird ein Wago PFC200 (Art.-Nr. 750-8202) verwendet.	12.11.2015 Nov 12, 2015	zip 1,3 MB	İndir
Application Note: EnOcean_06 Library This application note describes how communication between the WAGO-I/O-SYSTEM and different EnOcean wireless sensors can be implemented using the EnOcean_06.lib library.	30.11.2016 Nov 30, 2016	zip 842,0 kB	İndir
Application Note for the 750-495 3-Phase Power Measurement Module The application note for the 3-Phase Power Measurement Module 750-495 shows how the measured values of the power measurement module can be read. It is also shown how the power module can be configured using the WAGO-I/O-PRO- V2.3 visualization tool.	24.01.2014 Jan 24, 2014	zip 1,8 MB	İndir
HVAC System Macros WAGO provides system macros for HVAC applications that are based on Building_HVAC_03.lib.	10.03.2017 Mar 15, 2019	zip 13,6 MB	İndir
Application note for installing a MySQL-Server on a PFC-Controller This Application Note explains how a MySQL-Server can be set up and used on a PFC 200. The Application shows how measurement values of the 3-Phase Power Measurement Module can be written into a database.	V 1.0.4 May 16, 2019	zip 4,5 MB	İndir
HART Tool Routing via PROFIBUS with 750-833 and 750-333 (a116140) This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices. Using the Cerabar PMC51 (Endress+Hauser) as an example, connecting any HART sensor to a WAGO PROFIBUS controller and a WAGO PROFIBUS Coupler is explained. The cyclic PROFIBUS Master (750-8208) realizes the data exchange. As an	1.0.0 Mar 22, 2019	pdf 5,3 MB	İndir

acyclic master, a TH LINK PROFIBUS provides access for the plant asset management applications WAGOframe, PACTware and FieldCare.

Application Note e!COCKPIT

HART Tool Routing via ETHERNET with 750-820x and e!RUNTIME (a116130) This application note describes how to set up asset management systems, which facilitate simple, efficient configuration of HART field devices. With the Cerabar PMC51 (Endress+Hauser) as an example, a connection is established from any HART sensor to a WAGO PROFIBUS Controller and a WAGO ETHERNET fieldbus coupler. The configuration is made with the asset management software WAGOframe, PACTware und FieldCare.	1.0.0 Mar 22, 2019	pdf 2,9 MB	İndir
e!COCKPIT application note WagoAppCloud This application note explains how the WAGO controllers PFC100 and PFC200 can communicate with cloud services like Microsoft Azure (WAGO Cloud), Amazon AWS and IBM Bluemix. Data could be send to the cloud and commands could receive from the cloud. The libraries WagoLibCloud for WAGO-I/O-PRO V2.3 and WagoAppCloud for e!COCKPIT are used.	2019-10-21 Oct 21, 2019	zip 3,9 MB	İndir
SNMP Communication (a500850) This application note explains how the WAGO controllers PFC100 and PFC200 can communicate via SNMP: Sending traps / inform notifications, creating an MIB and using the controller as an SNMP agent. To do so, the SNMP-specific libraries for WAGO-I/O-PRO V2.3 and e!COCKPIT are used.	V1.1.0 Aug 19, 2019	zip 4,0 MB	İndir
eCOCKPIT application note installation MySQL-Server This Application Note explains how a MySQL-Server can be set up and used on a PFC 200. The Application shows how measurement values of the 3-Phase Power Measurement Module can be written into a database.	2019-09-09 Sep 9, 2019	pdf 1,9 MB	İndir
e!COCKPIT Application Note WAGO Gateway Application The WAGO Gateway Application for the WAGO 750-8212 PFC200 2nd Generation enables communication between different bus and/or communication systems and shortens the integration time. The user-friendly web interface allows the user to exchange information and measured values between different systems. The pre-configured application shortens startup times, especially in building technology. The WAGO Gateway Application currently enables communication with Modbus RTU, Modbus IP (TCP/UDP) and KNX-TP devices. Every conceivable combination is possible.	V 1.0.0.0 Apr 25, 2019	pdf 8,7 MB	İndir

Libraries

Library

WagoConfigToolLIB	1.0.0	pdf	İndir
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The library WagoConfigToolLIB.lib library provides function blocks for accessing the device configuration (e.g., network settings, data and time, ongoing services).

349,1 kB

WagoLibNetSnmManager	1.1.0	pdf 1,1 MB	İndir
The "WagoLibNetSnmManager.lib" library is used to implement SNMP manager functions. This makes it possible to access other SNMP agents as well as call and modify OIDs via an IEC program.			
WagoLibLed	1.0.0	pdf 516,5 kB	İndir
This library contains function blocks that can be used for control and querying of the user LEDs and for querying of the status LEDs. Depending on the device design, not all of the user or status LEDs may be provided.			
WagoLibDiagnosticIDs	1.0.0	pdf 298,2 kB	İndir
This library is used to take part in an internal diagnostics protocol via an IEC-61131 application. You can define your own IDs and provide your own texts for this. You can also transmit your own diagnostics IDs. Diagnostics generated in this manner are saved in the system log and displayed in text form, for example, in the WBM.			
WagoLibCpuUsage	1.0.0	pdf 265,7 kB	İndir
This library enables you to determine the CPU load (usage).			
ModuleAccess_01.lib	1.7 Jan 18, 2018	zip 1,5 MB	İndir
The ModuleAccess_01 library provides both module configuration and access to its process data within a CoDeSys project without the use of WAGO I/O Check.			
WAGO_Datalogger_02.lib	2.4 Nov 13, 2017	zip 678,0 kB	İndir
The FbDatalogger function block logs entries from up to 80 channels at an interval of min. one second in a CSV file.			
Library WagoLibCloud_02.lib	V2.2.3 Apr 29, 2019	zip 57,1 kB	İndir
Die Bibliothek dient zur Kommunikation des WAGO Controller PFC100 und PFC200 mit Cloud Diensten wie Microsoft Azure (WAGO Cloud), Amazon AWS and IBM Bluemix. Daten können zur Cloud gesendet und Kommandos von der Cloud empfangen werden.			

Engineering-Software

e!COCKPIT

e!COCKPIT	V 1.6 Sep 30, 2019	ZIP 2,6 GB	İndir
Register at no cost and test our engineering software for 30 days.			

Configuration and Commissioning Software

WAGO-IO-PRO Demo-Version (759-912) / Serie 750, 758 und 762	2.3.9.55 Jul 3, 2015	zip 108,3 MB	İndir
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Runtime Software

Linux® Toolchain

Linux® Kart Destek Paketi (BSP)	2018.2.8.FW(11)35	TXT	İndir
WAGO PFC BSP ile WAGO, Linux® meraklılarına, PFC donanım yazılımını kendi kendilerine derleme ve kendi isteklerine göre genişletme imkanı sunmaktadır.	Aug 27, 2018	14,1 kB	

WAGO PFC BSP, PFC için optimize edilmiş Pengutronix yapılandırma ortamı ve başka olanaklara ilaveten şu olanaklara kapı açan OSELAS Toolchain içerir:

- Python, SQLite3, PHP, vb. açık kaynak paketlerini kullanarak donanım yazılımı fonksiyonlarını genişletme.
- Kendi C/C++ uygulamalarını yerel bus, CANopen veya PROFIBUS'a doğrudan veya dolaylı erişerek derleme.
- PLC uygulamasını genişletmek için harici CODESYS V2 kütüphanelerini derleme
- Bu görevlerin çoğu için ayrıntılı talimatlar mevcuttur (bkz. Nasıl (HowTo) kısmı).

Firmware

Firmware: 750-8216/025-000 Controller PFC200; 2nd Generation; 2 x ETHERNET, RS-232/-485, CAN, CANopen, PROFIBUS Slave; Ext. Temperature; light gray	14 Oct 2, 2019	zip 83,5 MB	İndir
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IoT/ Cloud

Cloud Connectivity

Cloud Connectivity beta sürümü	Jun 4, 2019	ZIP 8,7 MB	İndir
Since January 2018, cloud connectivity has been a component of Firmware 11. Thus, all WAGO PFCs are inherently IoT-ready, so they can send data from the field level to the cloud via MQTT. Here, the data can be aggregated and used for analysis. New features are provided as beta versions. Register here at no cost to test the latest beta functions.			

CAD/CAE-Data

CAD data

2D/3D Models 750-8216/025-000		URL	İndir
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Device Files

Device Description File

750-914; EDS file for CANopen / 750, 752 and 767 Series	XR Jul 30, 2019	zip 1,7 MB	İndir
750-910; GSD files for PROFIBUS / 750, 752, 755, 758 and 767 Series	6.3	zip	İndir



Jun 15, 2017

4,7 MB

Device Driver

750-914; EDS file for CANopen / 750, 752 and 767 Series

XR

zip

İndir

Jul 30, 2019

1,7 MB

Installation Notes

Ürün ailesi

Controller 750

[Show all products from the family](#)

Değişikliklere tabidir.

WAGO Elektronik Sanayi ve Ticaret Ltd. Şti.
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duyarız.