

Veri sayfası | Ürün numarası: 750-8202

Kontrolör PFC200; 2 x ETHERNET, RS-232/-485; açık gri

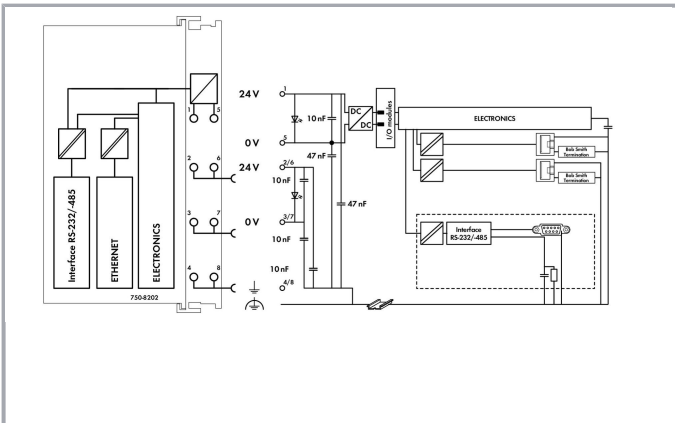
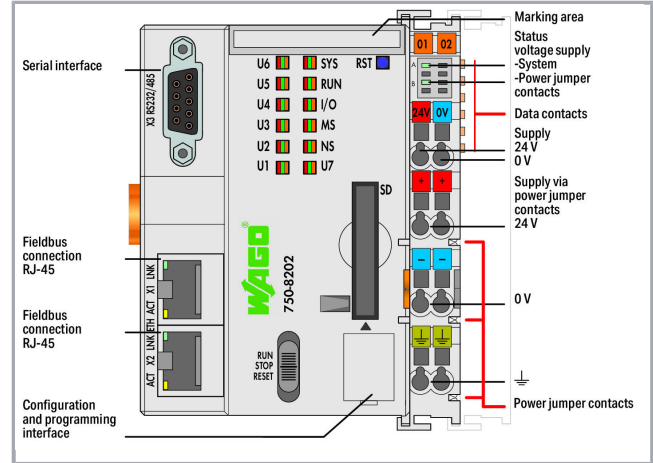
www.wago.com/750-8202

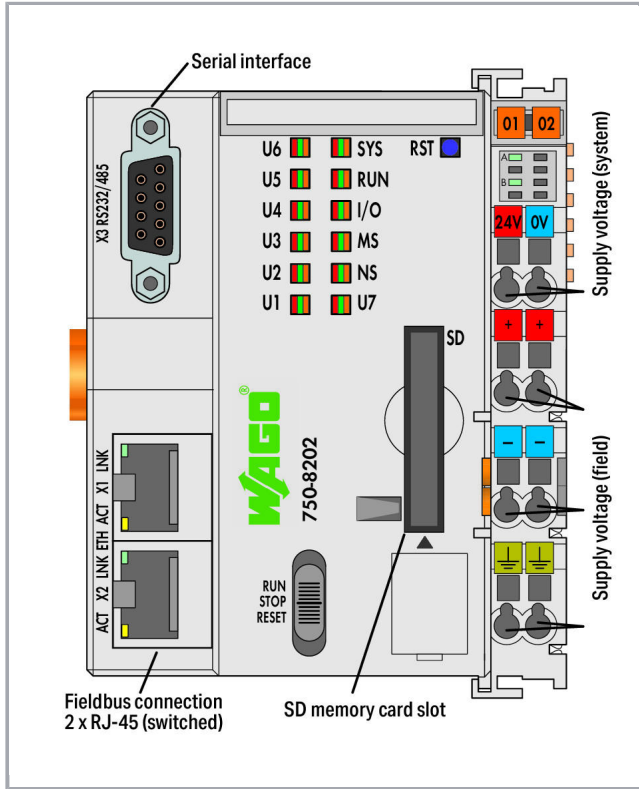


RoHS
Compliant

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Renk: ■





Ürün tanımı

PFC200 Kontrolörü, modüler WAGO-I/O-SYSTEM için kompakt bir PLC'dir. Ağ ve fieldbus arayüzlerinin yanı sıra kontrolör, 750/753 Serisinde bulunan tüm dijital, analog ve özel modülleri destekler.

İki ETHERNET arayüzü ve entegre switch, hat topolojisi kablolamaya olanak tanır.

Entegre Web sunucusu kullanıcıya konfigürasyon seçenekleri ve PFC200'den durum bilgisi sağlar.

Proses endüstrisi ve bina otomasyonunun yanı sıra PFC200'ün tipik pazarları standart makine ve tesis endüstrilerini (örneğin ambalaj, şişeleme, tekstil, üretim ve metal-ağaç işleme) kapsar.

IEC 61131-3'e göre programlanabilir

- WAGO-I/O-PRO V2.3 ile programlanabilir
- Doğrudan WAGO I/O modül bağlantısı
- 2 x ETHERNET (anahtarlama), RS-232/-485
- RT-Preemption yamalı Linux 3.6 işletim sistemi
- CODESYS veya Web tabanlı yönetim arayüzü üzerinden konfigürasyon
- Bakım gerektirmez

Veri

Technical Data

İletişim

Modbus TCP
Ethernet



	Modbus RTU RS-232 serial interface RS-485 interface
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, 600 MHz
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)	256 MB
Dahili bellek (flaş)	256 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
Indicators	LED (SYS, RUN, I/O, U1 ... U7) red/green/orange: Status system,



program, internal data bus, 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	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 mm ² / 28 ... 14 AWG
İnce bükümlü kablolar	0,08 ... 2,5 mm ² / 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	78,6 mm / 3.094 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	206
Renk	açık gri
Gövde malzemesi	Polycarbonate, polyamide 6.6
Uygunluk işareti	CE

Environmental Requirements

Surrounding air (operating) temperature	0 ... 55 °C
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 %
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

Product Group	15 (Remote I/O)
SAP'den ambalaj tipi	BOX
Country of origin	DE
GTIN	4050821739463
Customs Tariff No.	85371091990

Onaylar / Belgeler

Ex-Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	ATEX TUEV Nord Cert GmbH	EN 60079-0	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-



Ship Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	ABS American Bureau of Shipping	-	19- HG1821926
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA0000194
	LR Lloyds Register	-	02/20026 (E6)
	PRS Polski Rejestr Statków	-	TE/2236 /880590/19

UL-Approvals

Logo	Onay	İlave Onay Metni	Belge adı
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.1

Uyumlu ürünler

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
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
wiring and connectors		
	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

www.wago.com/750-978/000-021



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

www.wago.com/750-979/000-012



Ürün no.: 750-979/000-021
Konnektör ETHERNET; RJ-45; Cat. 6A; açılı; Kod T568A; AWG 24; Burkulmayı önleme

www.wago.com/750-979/000-021



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

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
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
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

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 plakasız	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

Dosya İndirme Documentation

Manual

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
PFC200 CS 2ETH RS PLC – PFC200 Controller	V 3.5.0 Jul 24, 2019	pdf 5,0 MB	İndir

Tutorial

Establish connection to a controller using SSH In this video we are demonstrating how to establish a SSH connec-tion 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
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System Description

Design Notes Basic conditions and recommendations for higher operational safety	V 2.0.0	pdf 1,5 MB	İndir
Controller PFC100/200, General Product Information		pdf 591,2 kB	İndir
Overview on WAGO-I/O-SYSTEM 750 approvals		pdf 780,2 kB	İndir

Application Notes

Application Note CoDeSys 2.3



Connection of Thermokon Multi-function room control units WRF 08 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.	Apr 10, 2019	zip 876,4 kB	İndir
ModuleAccess_01.lib 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.	1.7 Jan 18, 2018	zip 1,5 MB	İndir
WagoConfigToolLIB The library WagoConfigToolLIB.lib library provides function blocks for accessing the device configuration (e.g., network settings, data and time, ongoing services).	1.0.0	pdf 349,1 kB	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
Application Note Scheduler_03.lib This application note describes different applications of the Scheduler_03.lib library.	May 20, 2011	zip 1,8 MB	İndir
Application note Cloud Connectivity 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.	2019-09-17 Sep 17, 2019	zip 4,1 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 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
Application Note PowerMeasurement_03 Library 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).	19.01.2011 Mar 19, 2012	zip 954,5 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
Connection of a Thermokon Thanos SR L MODBUS room control unit to the WAGO-I/O-SYSTEM	02.05.2013 May 13, 2013	zip 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.

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
Application Note Library WagoDatalogger_02 This application note describes the use of the WagoDatalogger_02.lib library. Up to 80 analog or digital signals can be recorded.	10.03.2016 Apr 4, 2016	zip 1,3 MB	İndir
GRUNDFOS GENIbus interface, application note 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.	20.03.2017 Mar 20, 2017	zip 286,6 kB	İndir
Application note: DALI 753-647 Configuration Interface This application note describes the WAGO DALI Configurator, the integration of the DALI visualization for configuring various sensor types and the implementation in a program.	V1.0.2 Apr 29, 2019	zip 3,1 MB	İndir
Connection of Thermokon Multi-function room control units WRF 06 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.	Apr 8, 2016	zip 845,9 kB	İndir
Application Note: MpBus_03 Library 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).	2019-10-29 Oct 29, 2019	zip 523,6 kB	İndir
Application Note: DMX_02 This application note describes how a DMX master for DMX device control can be performed via 750-652 serial interface.	26.04.2017 Apr 26, 2017	zip 751,0 kB	İndir
Application Note Weather Station Elsner P03 Modbus 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.	01.12.2011 Oct 28, 2011	zip 275,6 kB	İndir
Application Note for the 750-494 3-Phase Power Measurement Module 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.	24.01.2014 Nov 11, 2014	zip 1,7 MB	İndir
Connection of DMX devices to the WAGO-I/O-SYSTEM via the ArtNet-DMX STAGE-PROFI 1.1	11.01.2013 Jan 11, 2013	zip 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 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 Connecting with an iPod Touch	30.03.2011 Oct 28, 2011	zip 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.			

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.			

Application Note for the 750-495 3-Phase Power Measurement Module	24.01.2014 Jan 24, 2014	zip 1,8 MB	İndir
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.			

Application Note: EnOcean_06 Library	30.11.2016 Nov 30, 2016	zip 842,0 kB	İndir
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.			

Erreichen der Linuxkonsole des PFC200 (a100701)	V1.0.0 Aug 29, 2016	zip 521,3 kB	İndir
Besonders bei Linux-basierten Geräten kann die Verwendung der Linux-Konsole des Gerätes dem Entwickler helfen schnell an benötigte Informationen z.B. über die Konfiguration des Gerätes zu gelangen. Dieser Anwendungshinweis beschreibt verschiedene gängige Methoden die Linux-Konsole eines PFC200 von einem PC aus zu Erreichen und zu Verwenden und mögliche Hürden, die dabei existieren.			

Application note for installing a MySQL-Server on a PFC-Controller	V 1.0.4 May 16, 2019	zip 4,5 MB	İndir
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.			

Application Note e!COCKPIT

e!COCKPIT application note WagoAppCloud	2019-10-21 Oct 21, 2019	zip 3,9 MB	İndir
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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.

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
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

Libraries

Library

ModuleAccess_01.lib 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.	1.7 Jan 18, 2018	zip 1,5 MB	İndir
WagoConfigToolLIB The library WagoConfigToolLIB.lib library provides function blocks for accessing the device configuration (e.g., network settings, data and time, ongoing services).	1.0.0	pdf 349,1 kB	İndir
WagoLibLed 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.	1.0.0	pdf 516,5 kB	İndir
WagoLibNetSnmpManager The "WagoLibNetSnmpManager.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.	1.1.0	pdf 1,1 MB	İndir
WagoLibDiagnosticIDs 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	1.0.0	pdf 298,2 kB	İndir



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.

WAGO_Datalogger_02.lib The FbDatalogger function block logs entries from up to 80 channels at an interval of min. one second in a CSV file.	2.4 Nov 13, 2017	zip 678,0 kB	İndir
WagoLibCpuUsage This library enables you to determine the CPU load (usage).	1.0.0	pdf 265,7 kB	İndir
Library WagoLibCloud_02.lib 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.	V2.2.3 Apr 29, 2019	zip 57,1 kB	İndir
WagoLibFTPS_01 This library provides a function block for FTP and FTPS communication. FTPS supports explicit and implicit TLS encryption: - Explicit FTP over TLS: Client explicitly asks for TLS encryptions by issuing the command "AUTH TLS" (Described in RFC4217) - Implicit FTP over TLS: Client tries to establish an TLS connection immediately.	V 1.15	zip 416,5 kB	İndir

Engineering-Software

e!COCKPIT

e!COCKPIT Register at no cost and test our engineering software for 30 days.	V 1.6 Sep 30, 2019	ZIP 2,6 GB	İndir
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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) WAGO PFC BSP ile WAGO, Linux® meraklılarına, PFC donanım yazılımını kendi kendilerine derleme ve kendi isteklerine göre genişletme imkanı sunmaktadır.	2018.2.8.FW(11)35 Aug 27, 2018	TXT 14,1 kB	İndir
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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: 750-8202 Controller PFC200; 2 x ETHERNET, RS-232/-485; light gray	14 Sep 27, 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 750-8202	URL	İndir
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CAE data

EPLAN Data Portal 750-8202	İndir
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WSCAD Universe 750-8202	İndir
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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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+90 216 472 1133 numaralı telefondan sizinle konuşmaktan mutluluk duyarız.