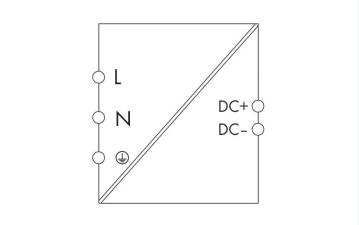
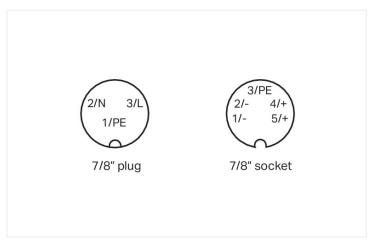
Switched-mode power supply; 1-phase; 24 VDC output voltage; 4 A output current; PowerBoost



https://www.wago.com/787-6716







Features:

- Switched-mode power supply with PowerBoost
- Low-profile, compact design
- Extremely robust, fully encapsulated housing (IP67)
- Active power factor correction
- High efficiency up to 92.3%
- Surrounding air temperature up to 85°C
- Suitable for both parallel and series operation

Technical data			
Input		Output	
Phases	1	Nominal output voltage U _{o nom}	DC 24 V
Nominal input voltage U _{i nom}	AC/DC 100 240 V	Output voltage range	±2 %
Input voltage range	AC/DC 90 265 V	Nominal output current I _{o nom}	4 A
Nominal mains frequency range	47 63.6 Hz; 0 Hz	Nominal output power	96 W
Input current I _i	≤ 0.5 A (250 VAC); ≤ 1.1 A (100 VAC)	Residual ripple	≤ 100 mV (peak-to-peak); ≤ 20 mV (rms)
Inrush current	≤9 A	Overload behavior	Constant current
Power factor	≥ 0.98	PowerBoost	DC 6 A (5 s; without voltage drop)
Power factor correction (PFC)	Active		
Mains failure hold-up time	> 45 ms		

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Signaling and communication

Signaling 1 x LED DC OK (green)

1 x Overload LED (red)

Green LED (24 VDC OK) Operation status indicator

Red LED (overload)

Efficiency/power losses

Power loss P_I \leq 1 W; \leq 7.9 W (nominal load)

92.3 % (230 VAC) Efficiency (typ.)

Circuit protection

Internal fuse T 6.3 A

Backup fusing (recommended) Circuit breaker: 4 ... 20 A; Characteristic:

T 20 A in building installations

Safety and protection Protection class Protection type

Resistance to reverse feed

Overvoltage protection; secondary

Series operation

Short-circuit-protected Parallel operation

MTBF

IP67 ≤ DC 35 V

≤ 30 VDC (per IEC 61131)

3 devices (max.) 2 devices (max.)

> 960,000 h

Connection data

Connection type 1 Connection technology

Connection type 2

Connection technology 2

Input

7/8"; 3-pole plug

Output

7/8"; 5-pole socket

Physical data

Width Height Depth

111 mm / 4.37 inches 141 mm / 5.55 inches 54 mm / 2.123 inches

Mechanical data

Mounting type

Screw mount

Material data

Weight

Fire load 0 MJ 1100 g

Environmental requirements

-40 ... +85 °C Ambient temperature (operation) Ambient temperature (storage) -40 ... +85 °C Relative humidity 4...100% Derating -3.84 W/K (> 60 °C) Climatic category 4K6 (per EN 60721)

https://www.wago.com/787-6716



Standards and specifications

Conformity marking

CE

Standards/specifications

EN 61010-1 EN 61010-2-201 EN 61204 UL 508

Commercial data	
eCl@ss 10.0	27-04-07-01
eCl@ss 9.0	27-04-07-01
ETIM 8.0	EC002540
ETIM 7.0	EC002540
PU (SPU)	1 pcs
Packaging type	Вох
Country of origin	CZ
GTIN	4055143644877
Customs tariff number	85044083900

Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011,TP TC 020/2011	EAC RU C-DE.AM02. B.00089_19
UL Underwriters Laboratories Inc.	UL 508	E255817

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-6716

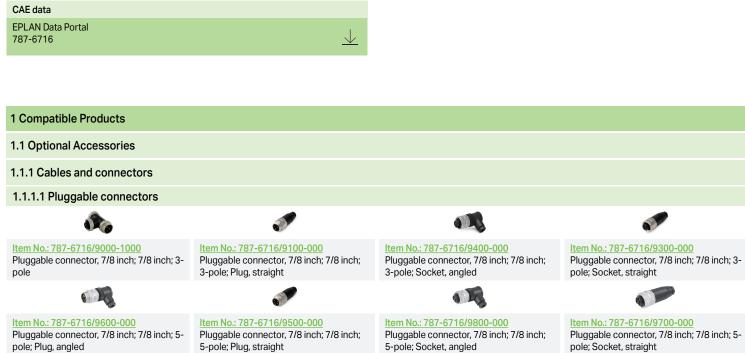


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Documentation Bid Text Instruction Leaflet 787-6716 xml Primär getaktete pdf 04.07.2019 6.10 KB Stromversorgung IP67 18.05.2021 447.12 KB 787-6716 docx 12.06.2019 18.81 KB

CAD/CAE-Data CAE data **EPLAN Data Portal** 787-6716



1.1.1.2 Power supply cable





Item No.: 787-6716/9310-100 Supply cable, pre-assembled, 7/8 inch; 7/8 inch; 3-pole; Socket, straight; Length: 10 m

Item No.: 787-6716/9310-030

Supply cable, pre-assembled, 7/8 inch; 7/8 inch; 3-pole; Socket, straight; Length: Item No.: 787-6716/9310-050

Supply cable, pre-assembled, 7/8 inch; 7/8 inch; 3-pole; Socket, straight; Length: Item No.: 787-6716/9510-015 Supply cable, pre-assembled, 7/8 inch;

7/8 inch; 5-pole; Plug, straight; Length: 1.5





Item No.: 787-6716/9510-030 Supply cable, pre-assembled, 7/8 inch; 7/8 inch; 5-pole; Plug, straight; Length: 3 Item No.: 787-6716/9510-050

Supply cable, pre-assembled, 7/8 inch; 7/8 inch; 5-pole; Plug, straight; Length: 5

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

Current addresses can be found at:: www.wago.com

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