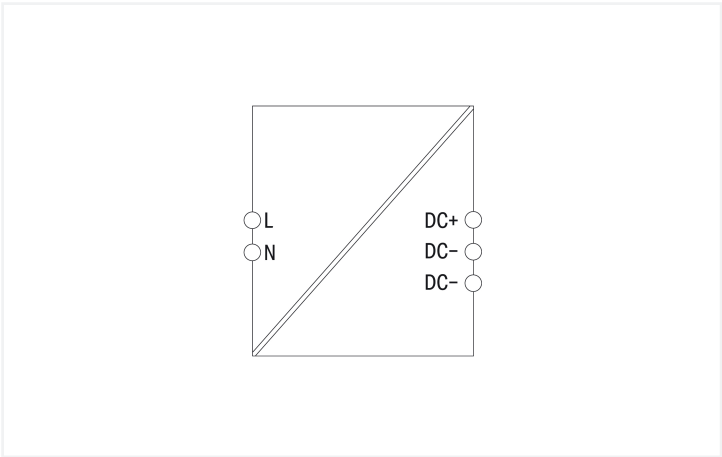




- Features:**
- Switched-mode power supply
 - Stepped profile, ideal for distribution boards/boxes
 - Pluggable *picoMAX*® Connection Technology (tool-free)
 - Series operation
 - Electrically isolated output voltage (SELV) per EN 62368/UL 62368 and EN 60335-1; PELV per EN 60204

Technical data			
Input		Output	
Phases	1	Nominal output voltage $U_{o\ nom}$	24 VDC (SELV)
Nominal input voltage $U_{i\ nom}$	1 x 100 ... 240 VAC	Nominal output current $I_{o\ nom}$	0.5 A
Input voltage range	1 x 90 ... 264 VAC	Nominal output power	12 W
Input voltage derating	-2 %/V (< 100 VAC)	Deviation	≤ 1 %
Nominal mains frequency range	47 ... 63 Hz	Deviation, dynamic load change 10 ... 90 %	≤ 1 %
Input current I_i	≤ 0.27 A (100 VAC; 0.5 ADC)	Residual ripple	≤ 100 mV (peak-to-peak)
Discharge current	≤ 0.25 mA	Overload behavior	Shutdown and automatic restart in the event of a short circuit
Inrush current	NTC		
Power factor	≥ 0.5		
Power factor correction (PFC)	None		
Mains failure hold-up time	≥ 100 ms (230 VAC)		

Signaling and Communication		Efficiency/Power Losses	
Signaling	1 x Status indication LED (green)	Power loss P_i	≤ 0.2 W
Operation status indicator	Green LED (U_o)	Power loss (max.) $P_{i(max)}$	2.5 W (100 VAC / 24 VDC; 0.5 A)
		Efficiency (typ.)	83 % (230 VAC; nominal load); 82 % (110 VAC; nominal load)



Circuit Protection	
Internal fuse	T 1 A / 250 VAC
Pre-fuse (required)	An external DC fuse is required for the DC input voltage.
Backup fuse (recommended)	Circuit breaker: 6 A (C characteristic), 10 A (B characteristic) or higher

Safety and protection	
Isolation voltage (pri.-sec.)	4.242 kVDC
Protection class	II
Protection type	IP20; per EN 60529
Reverse voltage protection	Yes
Resistance to reverse feed	≤ 31 VDC
Overvoltage category	II
Pollution degree	2
Transient suppression (primary)	Yes
Overvoltage protection; secondary	≤ 31 VDC (in the event of a fault)
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	No
Series operation	Yes, for 2 devices of the same type
MTBF	> 700,000 h (per IEC 61709)

Connection Data	
Cable length (max.)	30 m
Connection 1	
Connection type	Input
Connection technology	Push-in CAGE CLAMP®
WAGO connector	picoMAX® 5.0, WAGO 2092 Series
Solid conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches

Connection 2	
Connection type	Output
Connection technology	Push-in CAGE CLAMP®
WAGO connector	picoMAX® 3.5 (WAGO 2091 Series)
Solid conductor	0.2 ... 1.5 mm² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm² / 24 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data	
Width	18 mm / 0.7 inches
Height	90 mm / 3.543 inches
Depth	55 mm / 2.165 inches
Depth from upper-edge of DIN-rail	52.5 mm / 2.067 inches



Mechanical data		
Housing design		DIN-rail-mount enclosure
Mounting type		DIN-35 rail Screw mount (back/side)

Material data		
Flammability class per UL94		V2
Fire load		0.113 MJ
Weight		63 g

Environmental requirements		
Ambient temperature (operation)		-25 ... +70 °C
Ambient temperature (storage)		-40 ... +85 °C
Relative humidity		20 ... 90 % (no condensation permissible)
Derating		-2.6 %/K (> 55 °C)
Climatic category		3K3 (per EN 60721; except for low air pressure)

Standards and Specifications		
Conformity marking		CE
Standards/specifications		EN 61204-3 EN 60335-1 EN 62368 UL 62368 UL 508

Commercial data		
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		CN
GTIN		4055143812184
Customs tariff number		85044083900

Product Classification		
UNSPSC		39121004
eCl@ss 10.0		27-04-07-01
eCl@ss 9.0		27-04-07-01
ETIM 9.0		EC002540
ETIM 10.0		EC002540
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption
SCIP notification number (Bulgaria)		d77ec3ad-d4ea-40c4-987e-5ae1218cbb93
SCIP notification number (Czech Republic)		0a095fbc-0aaf-4376-9f91-7363a8eac7f7



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081
UL Underwriters Laboratories Inc.	UL 508	E255817
UR Underwriters Laboratories Inc.	UL 62368-1	E255815

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 787-1200



Documentation

Manual
Product Manual COM- PACT Power
pdf 1131.63 KB
Product Manual Power Supply 24 V
V 1.0.0 pdf 1199.71 KB



Bid Text
787-1200
24.06.2019
xml 6.99 KB
787-1200
12.06.2019
docx 20.30 KB
ausschreiben.de 787-1200



Instruction Leaflet

Primär getaktete Stromversorgungen COMPACT
V 2.0.0 20.11.2020
pdf 2334.72 KB



CAD/CAE-Data

CAD data
2D/3D Models 787-1200



CAE data
EPLAN Data Portal 787-1200
ZUKEN Portal 787-1200





1 Compatible Products
1.1 Optional Accessories
1.1.1 Tool
1.1.1.1 Operating tool



Item No.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	Item No.: 210-769 SCREWDRIVER; green	Item No.: 2092-1630 Unlocking tool; orange
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