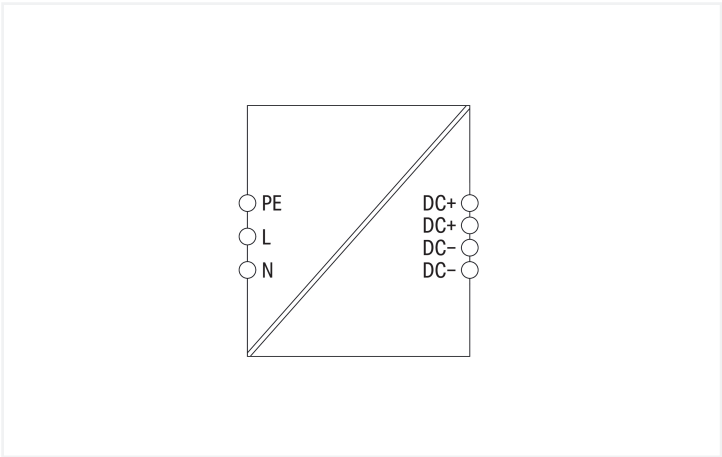




- Features:**
- Switched-mode power supply
 - Stepped profile for installation in standard distribution boards
 - Screw mounts for alternative installation in distribution boxes or devices
 - Pluggable *picoMAX*® Connection Technology (tool-free)
 - Suitable for both parallel and series operation
 - Electrically isolated output voltage (SELV) per EN 60335-1 and UL 60950-1; 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	Output voltage range	22 ... 26 VDC (adjustable)
Input voltage range	1 x 85 ... 264 VAC; 125 ... 375 VDC	Default Setting	24 VDC
Input voltage derating	-2 %/V (< 100 VAC); -1.33 %/V (< 140 VDC)	Nominal output current $I_{o\,nom}$	4.2 A; 3.3 A (
Nominal mains frequency range	47 ... 63 Hz; 0 Hz	Nominal output power	100 W
Input current I_i	≤ 2.5 A	Deviation	≤ 1 %
Discharge current	≤ 0.25 mA	Deviation, dynamic load change 10 ... 90 %	≤ 1 %
Power factor	≥ 0.5	Residual ripple	≤ 100 mV (peak-to-peak)
Power factor correction (PFC)	Passive	Overload behavior	Constant power (in overload range: 1.05 ... 1.35 x $I_{o\,nom}$); Shutdown and automatic restart in the event of a short circuit or permanent overload
Mains failure hold-up time	≥ 50 ms		
Signaling and Communication		Efficiency/Power Losses	
Signaling	1 x DC OK LED (green)	Power loss P_l	≤ 0.7 W
Operation status indicator	Green LED (U_o)	Power loss (max.) $P_{l(max)}$	15 W (100 VAC / 24 VDC; 4.2 A)
		Efficiency (typ.)	90 % (230 VAC); 87 % (110 VAC)



Circuit Protection	
Internal fuse	T 3.15 A / 500 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	I
Protection type	IP20; per EN 60529
Resistance to reverse feed	≤ 35 VDC
Pollution degree	2
Transient suppression (primary)	Varistor
Overvoltage protection; secondary	≤ 31 VDC (in the event of a fault)
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	Yes
Series operation	Yes
MTBF	> 500,000 h (per IEC 61709)

Connection Data	
Connection 1	
Connection type	Input/output
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

Physical data	
Width	108 mm / 4.252 inches
Height	90 mm / 3.543 inches
Depth	56 mm / 2.205 inches
Depth from upper-edge of DIN-rail	52.5 mm / 2.067 inches
Note (dimensions)	Depth: 48 mm (without cover)

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



Material data	
Flammability class per UL94	V0
Fire load	0 MJ
Weight	456.9 g

Environmental requirements	
Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	≤ 95 % (no condensation permissible)
Derating	-2.66 %/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 62368-1 UL 60950-1 UL 508

Commercial data	
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143907804
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)	ca2e8647-4913-4ddb-9aae-499d1789bbbd
SCIP notification number (Czech Republic)	eb73b17d-78c9-4111-8352-17210dfcbfc9

Approvals / Certificates		
General approvals		General approvals
  		UR Underwriters Laboratories Inc.
		UL 60950-1
		E255815
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



Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 787-1216

Documentation

Manual
Product Manual COM- PACT Power; 1-phase

V 1.0.0
24.11.2020

pdf
1544.13 KB



Bid Text
787-1216
04.07.2019
xml 7.26 KB
787-1216
12.06.2019
docx 20.66 KB
ausschreiben.de 787-1216



Instruction Leaflet
Primär getaktete Stromversorgungen COMPACT

pdf
1527.06 KB



CAD/CAE-Data

CAD data
2D/3D Models 787-1216



CAE data
EPLAN Data Portal 787-1216
WSCAD Universe 787-1216
ZUKEN Portal 787-1216





1 Compatible Products
1.1 Optional Accessories
1.1.1 Strain relief
1.1.1.1 Gripping plate



Item No.: 2092-1601
Gripping plate; for female and male connectors; 1 part; Pin spacing 5 mm; 3- to 4-pole; light gray

1.1.2 Tool
1.1.2.1 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