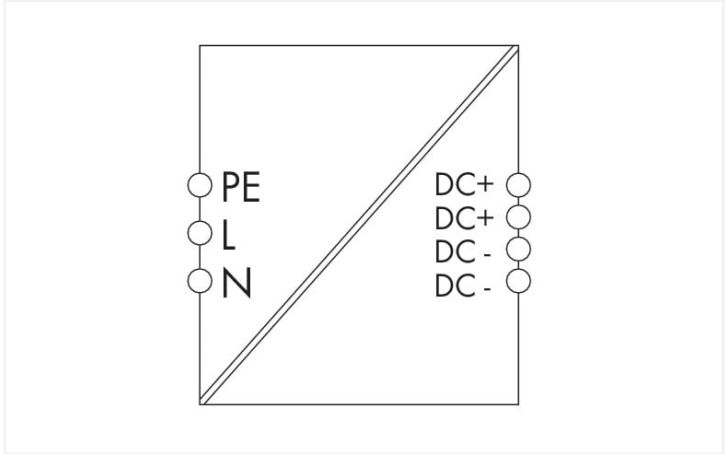




Features:

- Switched-mode power supply
- Stepped profile for installation in standard distribution boards
- Removable front panel and 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 $U_{o\,nom}$	DC 24 V (SELV)
Nominal input voltage $U_{i\,nom}$	1 x AC 100 ... 240 V	Output voltage range	DC 22 ... 26 V (adjustable)
Input voltage range	1 x AC 85 ... 264 V; DC 125 ... 375 V	Default setting	DC 24 V
Input voltage derating	-2 %/V (< 100 VAC); -1.33 %/V (< 140 VDC)	Nominal output current $I_{o\,nom}$	2.5 A; 2 A (
Nominal mains frequency range	47 ... 63 Hz; 0 Hz	Nominal output power	60 W
Input current I_i	≤ 1.5 A	Deviation	≤ 1 %
Discharge current	≤ 0.25 mA	Deviation, dynamic load change 10 ... 90 %	≤ 1 %
Inrush current	≤ 20 A	Residual ripple	≤ 100 mV (peak-to-peak)
Power factor	≥ 0.5	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
Power factor correction (PFC)	passive		
Mains failure hold-up time	≥ 60 ms		

Signaling and communication

Signaling	1 x LED DC OK (green)
Operation status indicator	Green LED (U_o)

Efficiency/power losses

Power loss P_i	≤ 0.6 W
Power loss (max.) $P_{i(max)}$	9 W (100 VAC / 24 VDC; 2.5 A)
Efficiency (typ.)	89 % (230 VAC); 87 % (110 VAC)

Circuit protection

Internal fuse	T 2 A / 250 VAC
Backup fusing (required)	An external DC fuse is required for the DC input voltage.
Backup fusing (recommended)	Circuit breaker: 6 A (C characteristic), 10 A (B characteristic) or higher



Safety and protection	
Isolation voltage (pri.-sec.)	DC 4.242 kV
Protection class	I
Protection type	IP20; per EN 60529
Resistance to reverse feed	≤ DC 35 V
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 type 1	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	72 mm / 2.835 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	
Mounting type	DIN-35 rail Screw mount (back/side)

Material data	
Flammability class per UL94	V0
Fire load	0.243 MJ
Weight	288 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)



Standards and specifications	
Conformity marking	CE
Standards/specifications	EN 61204-3 EN 60335-1 EN 62368-1 UL 60950-1 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	Box
Country of origin	CN
GTIN	4055143908016
Customs tariff number	85044083900

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
UL Underwriters Laboratories Inc.	UL 60950-1	E255815

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 787-1212



Documentation



Manual			
Product Manual COM-PACT Power; 1-phase	V 1.0.0 24.11.2020	pdf 1486.90 KB	

Bid Text			
787-1212	12.06.2019	docx 20.61 KB	
787-1212	04.07.2019	xml 7.27 KB	
ausschreiben.de 787-1212			

Instruction Leaflet			
Primär getaktete Stromversorgungen COMPACT		pdf 1527.06 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 787-1212	EPLAN Data Portal 787-1212
	WSCAD Universe 787-1212
	ZUKEN Portal 787-1212

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



Item No.: 2092-1601
Gripping plate; for female and male connectors; 1 part; Pin spacing 5 mm; 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