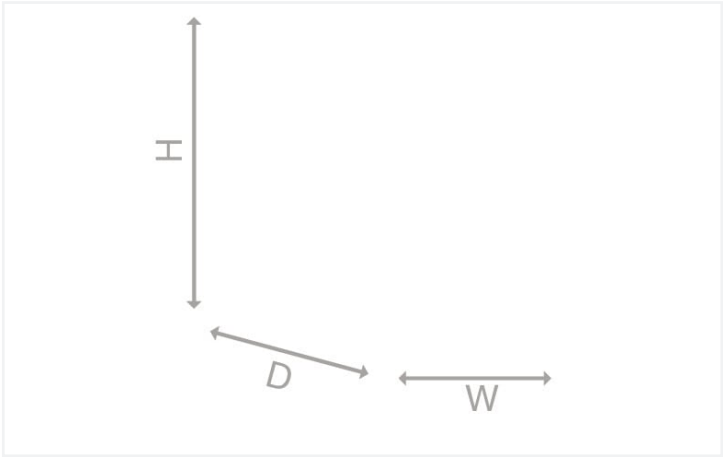
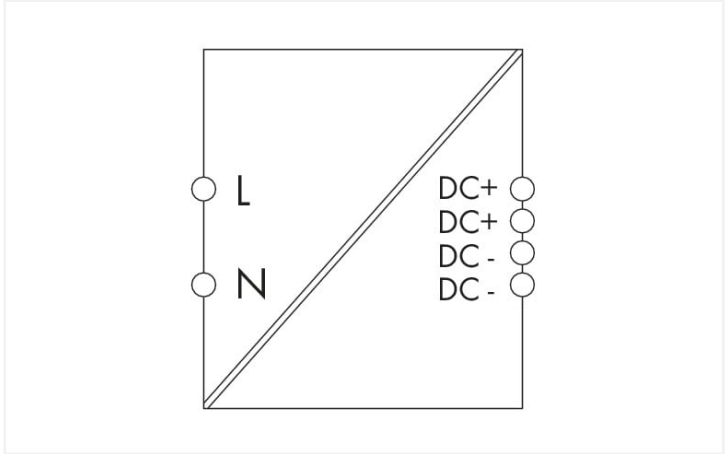




- Features:**
- Switched-mode power supply
 - Natural convection cooling when horizontally mounted
 - Stepped profile, ideal for distribution boards/boxes
 - Overhead mounting is possible with derating
 - Suitable for both parallel and series operation
 - Electrically isolated output voltage (SELV) per EN 61010-2-201/UL 60950-1; PELV per EN 60204

Technical data			
Input		Output	
Phases	1	Nominal output voltage U _{o nom}	DC 12 V (SELV)
Nominal input voltage U _{i nom}	1 x AC 100 ... 240 V	Output voltage range	DC 10.5 ... 15.5 V (adjustable)
Input voltage range	1 x AC 85 ... 264 V; DC 120 ... 300 V	Default setting	DC 12 V
Input voltage derating	I _o ≤ 3.5 A (< 100 VAC)	Nominal output current I _{o nom}	4 A (12 VDC); 2.4 A (in any mounting position)
Nominal mains frequency range	44 ... 66 Hz; 0 Hz	Nominal output power	48 W
Input current I _i	≤ 0.5 A (230 VAC); ≤ 0.9 A (110 VAC)	Deviation	≤ 2 %
Discharge current	≤ 1 mA	Residual ripple	≤ 100 mV (Peak-to-peak)
Inrush current	≤ 30 A (NTC)	Current limitation	1.1 x I _{o nom} (typ.)
Power factor correction (PFC)	passive	Overload behavior	Constant current
Mains failure hold-up time	≥ 80 ms (230 VAC); ≥ 10 ms (110 VAC)		



Signaling and Communication	
Signaling	1 x Status indication LED (green)
Operation status indicator	Green LED (U _o)

Efficiency/power losses	
Power loss P _I	≤ 2.2 W; ≤ 8.5 W (230 VAC; nominal load)
Power loss (max.) P _{I(max)}	9 W (100 VAC / 12 VDC; 4 A)
Efficiency (typ.)	85 %

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	II
Protection type	IP20; per EN 60529
Resistance to reverse feed	≤ DC 25 V
Overvoltage category	II
Pollution degree	2
Transient suppression (primary)	Varistor
Overvoltage protection; secondary	≤ 30 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	CAGE CLAMP®
WAGO connector	WAGO 740 Series
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inches

Physical data	
Width	72 mm / 2.835 inches
Height	89 mm / 3.504 inches
Depth	59 mm / 2.323 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

Mechanical Data	
Mounting type	DIN-35 rail



Material Data	
Flammability class per UL94	V0
Fire load	0 MJ
Weight	255 g

Environmental requirements	
Ambient temperature (operation at U _N)	-25 ... +60 °C (Device starts at -40 °C (type-tested))
Surrounding air temperature (storage)	-25 ... +80 °C
Ambient temperature UL (operation at U _N)	-25 ... +55 °C
Relative humidity	5 ... 96 % (no condensation permissible)
Derating	-3 %/K (> 45 °C)

Standards and specifications	
Conformity marking	CE
Standards/specifications	EN 61010-1 EN 61010-2-201 EN 61204-3 UL 60950-1 UL 508 DNV

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
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	DE
GTIN	4050821297604
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 60950-1	E255815

Downloads

Environmental Product Compliance



Compliance Search			
Environmental Product Compliance 787-1011			

Documentation			
Bid Text		Instruction Leaflet	
787-1011	24.06.2019	xml 6.95 KB	
787-1011	12.06.2019	docx 20.76 KB	
		Power Supply COM-PACT	29-03-2021 20.12.2021
		pdf	2143.15 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 787-1011	EPLAN Data Portal 787-1011
	WSCAD Universe 787-1011
	ZUKEN Portal 787-1011

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marking strip



Item No.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	Item No.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white
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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
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