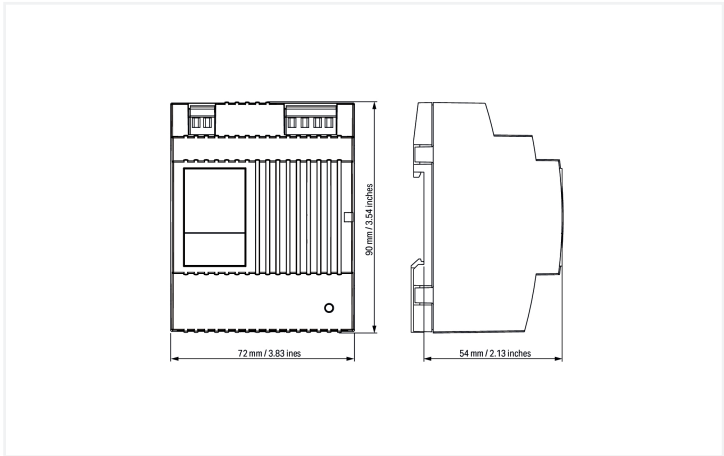
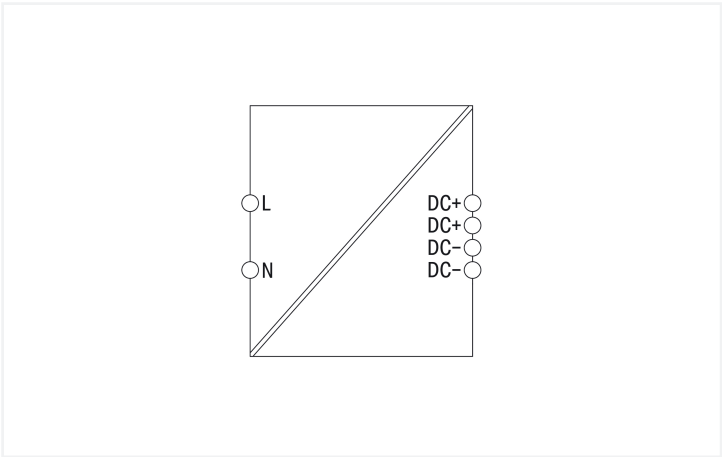




- Features:**
- Switched-mode power supply
 - Natural convection cooling when horizontally mounted
 - Stepped profile, ideal for distribution boards/boxes
 - Overhead mounting is possible with derating
 - Suitable for both parallel and series operation
 - Electrically isolated output voltage (SELV) per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

Technical data			
Input		Output	
Phases	1	Nominal output voltage $U_{o\ nom}$	12 VDC (SELV)
Nominal input voltage $U_{i\ nom}$	1 x 100 ... 240 VAC	Output voltage range	10.5 ... 15.5 VDC (adjustable)
Input voltage range	1 x 85 ... 264 VAC; 120 ... 300 VDC	Default Setting	12 VDC
Input voltage derating	$I_o \leq 3.5\ A\ (< 100\ VAC)$	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	$\leq 0.5\ A\ (230\ VAC); \leq 0.9\ A\ (110\ VAC)$	Deviation	$\leq 2\ \%$
Discharge current	$\leq 1\ mA$	Residual ripple	$\leq 100\ mV\ (peak-to-peak)$
Inrush current	$\leq 30\ A\ (NTC)$	Current limitation	$1.1 \times I_{o\ nom}\ (typ.)$
Power factor correction (PFC)	Passive	Overload behavior	Constant current
Mains failure hold-up time	$\geq 80\ ms\ (230\ VAC); \geq 10\ ms\ (110\ VAC)$		



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
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
Resistance to reverse feed	≤ 25 VDC
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 1	
Connection type	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		
Housing design		DIN-rail-mount enclosure
Mounting type		DIN-35 rail

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

Environmental requirements		
Ambient temperature (operation)		-25 ... +60 °C (Device starts at -40 °C (type-tested))
Ambient 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)
Climatic category		3K3 (per EN 60721)

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)
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		DE
GTIN		4050821297604
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



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
UR Underwriters Laboratories Inc.	UL 60950-1	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 787-1011



Documentation

Bid Text
787-1011
24.06.2019
xml 6.95 KB
↓
787-1011
12.06.2019
docx 20.76 KB
↓

Instruction Leaflet
Power Supply COM- PACT
29-03-2021 20.12.2021
pdf 2143.15 KB
↓

CAD/CAE-Data

CAD data
2D/3D Models 787-1011



CAE data
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

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