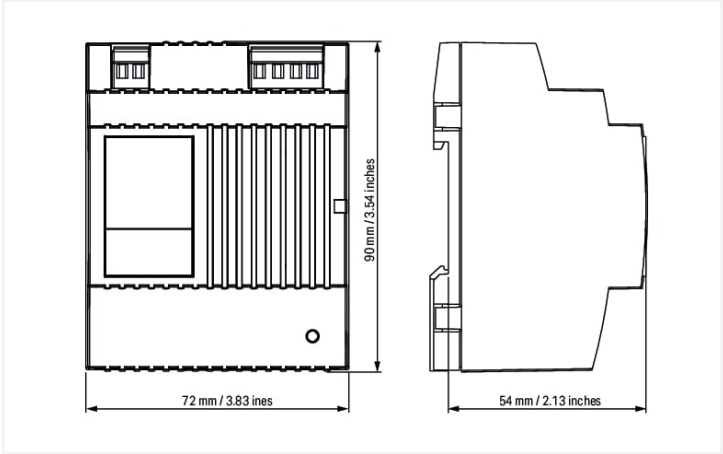
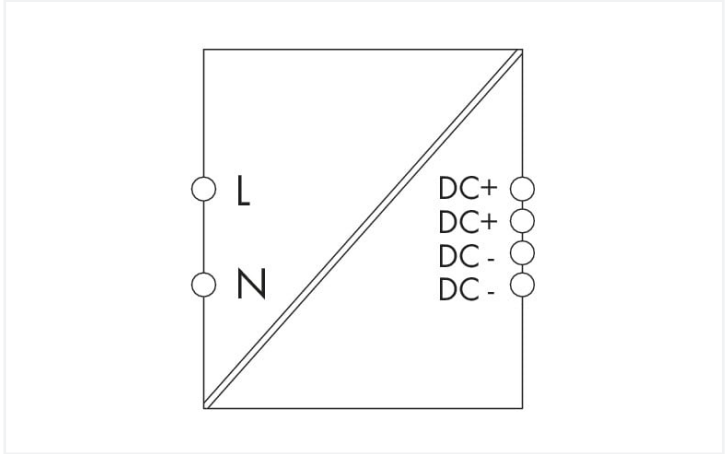




- Features:**
- Switched-mode power supply
 - Natural convection cooling when horizontally mounted
 - Stepped profile, ideal for distribution boards/boxes
 - Overhead mounting is possible with derating
 - Suitable for both parallel and series operation
 - Electrically isolated output voltage (SELV) per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

Technical data			
Input		Output	
Phases	1	Nominal output voltage $U_{o\,nom}$	DC 24 V (SELV)
Nominal input voltage $U_{i\,nom}$	1 x AC 100 ... 240 V	Output voltage range	DC 22.8 ... 26.4 V (adjustable)
Input voltage range	1 x AC 85 ... 264 V; DC 120 ... 300 V	Default setting	DC 24 V
Input voltage derating	$I_o \leq 2\text{ A}$ (< 100 VAC); $I_o \leq 1.8\text{ A}$ (< 90 VAC)	Nominal output current $I_{o\,nom}$	2.5 A (24 VDC); 1.6 A (in any mounting position)
Nominal mains frequency range	44 ... 66 Hz; 0 Hz	Nominal output power	60 W
Input current I_i	$\leq 0.6\text{ A}$ (230 VAC); $\leq 1.4\text{ A}$ (110 VAC)	Deviation	$\leq 2\%$
Discharge current	$\leq 1\text{ mA}$	Residual ripple	$\leq 100\text{ mV}$ (peak-to-peak)
Inrush current	$\leq 30\text{ A}$ (NTC)	Current limitation	$1.1 \times I_{o\,nom}$ (typ.)
Power factor correction (PFC)	Passive	Overload behavior	Constant current
Mains failure hold-up time	$\geq 80\text{ ms}$ (230 VAC); $\geq 10\text{ ms}$ (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)}	10.5 W (100 VAC / 24 VDC; 2.5 A)
Efficiency (typ.)	88 %

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 30 V
Overvoltage category	II
Pollution degree	2
Transient suppression (primary)	Varistor
Overvoltage protection; secondary	≤ 40 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	
Housing design	DIN-rail-mount enclosure
Mounting type	DIN-35 rail



Material data	
Flammability class per UL94	V0
Fire load	0 MJ
Weight	10.9 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)
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	4050821297598
Customs tariff number	85044083900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
  					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UL Underwriters Laboratories Inc.	UL 60950-1	E255815			
UL Underwriters Laboratories Inc.	UL 508	E255817			



Approvals for marine applications



Approval	Standard	Certificate Name
DNV DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00000KT

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 787-1012

Documentation

Bid Text			
787-1012	24.06.2019	xml 6.98 KB	↓
787-1012	12.06.2019	docx 20.75 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 787-1012

CAE data
EPLAN Data Portal 787-1012
WSCAD Universe 787-1012
ZUKEN Portal 787-1012

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