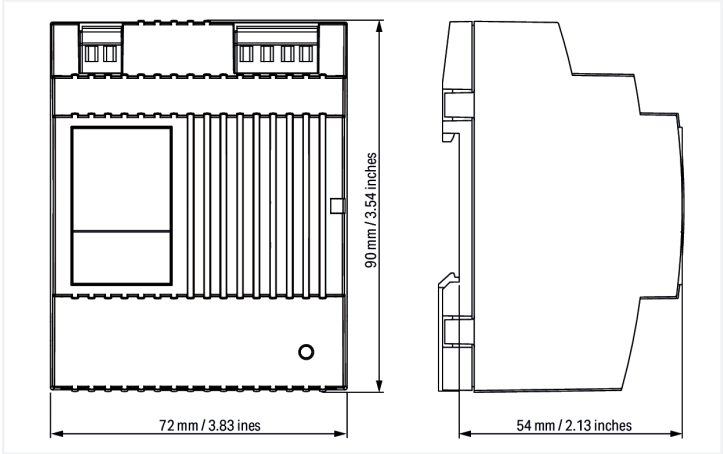
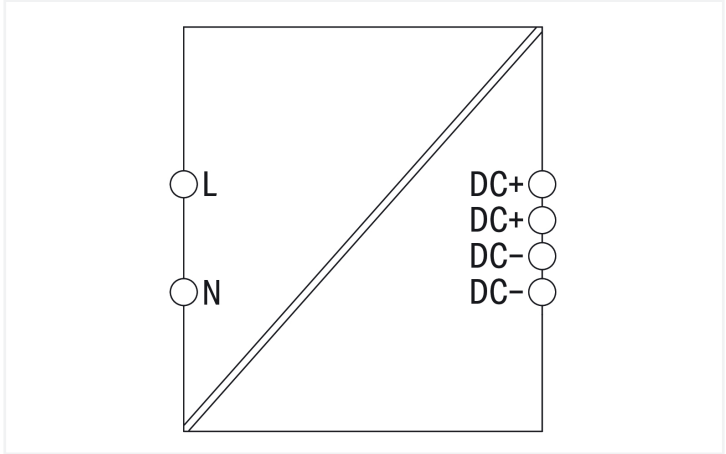




- Features:**
- Switched-mode power supply
 - Natural convection cooling when horizontally mounted
 - Stepped profile, ideal for distribution boards/boxes
 - Overhead mounting is possible with derating
 - Suitable for both parallel and series operation
 - Electrically isolated output voltage (SELV) per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

Technical data			
Input		Output	
Phases	1	Nominal output voltage $U_{o\,nom}$	5 VDC (SELV)
Nominal input voltage $U_{i\,nom}$	1 x 100 ... 240 VAC	Output voltage range	4.5 ... 8.5 VDC (adjustable)
Input voltage range	1 x 85 ... 264 VAC; 120 ... 300 VDC	Default Setting	DC 5 V
Nominal mains frequency range	44 ... 66 Hz; 0 Hz	Nominal output current $I_{o\,nom}$	5.5 A (5 VDC); 3.5 A (in any mounting position)
Input current I_i	≤ 0.29 A (230 VAC); ≤ 0.56 A (110 VAC)	Nominal output power	27.5 W
Discharge current	≤ 1 mA	Deviation	$\leq 2\%$
Inrush current	≤ 30 A (NTC)	Residual ripple	≤ 100 mV (peak-to-peak)
Power factor correction (PFC)	Passive	Current limitation	$1.1 \times I_{o\,nom}$ (typ.)
Mains failure hold-up time	≥ 80 ms (230 VAC); ≥ 10 ms (110 VAC)	Overload behavior	Constant current



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

Efficiency/power losses	
Power loss P _I	≤ 2.4 W; ≤ 9.4 W (230 VAC; nominal load)
Power loss (max.) P _{I(max)}	9.9 W (264 VAC / 5 VDC; 5.5 A)
Efficiency (typ.)	75 %

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	≤ 10 VDC
Overvoltage category	II
Pollution degree	2
Transient suppression (primary)	Varistor
Overvoltage protection; secondary	≤ 16 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		240 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		
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		DE
GTIN		4055143098816
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 8.0		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
UL Underwriters Laboratories Inc.	UL 508	E255817
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 787-1020	
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Documentation

Bid Text			
787-1020	12.06.2019	docx 20.36 KB	
787-1020	24.06.2019	xml 6.83 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 787-1020

CAE data
EPLAN Data Portal 787-1020
WSCAD Universe 787-1020
ZUKEN Portal 787-1020



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