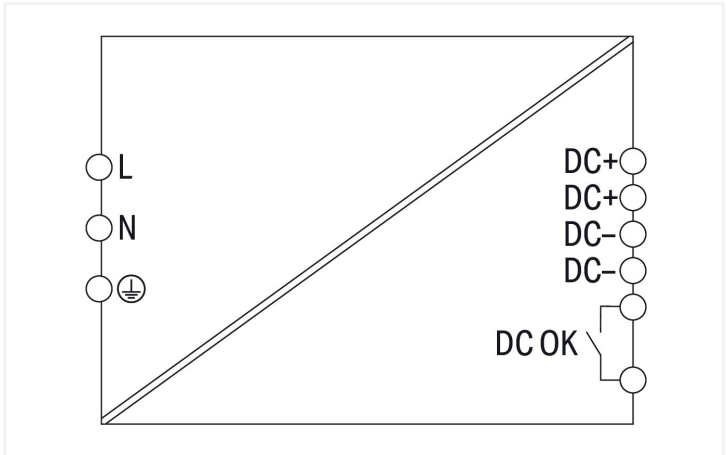




Similar to illustration



- Features:
- Switched-mode power supply
 - Natural convection cooling when horizontally mounted
 - Encapsulated for use in control cabinets
 - DC OK contact
 - Suitable for both parallel and series operation
 - Electrically isolated output voltage (SELV) per UL 60950-1; PELV per EN 60204
 - Coated PCBs (with Bectron PL 1104 or Voltatex 2010), resistant to flowing mixed gas per ISA S71.04:1985, G3 Group A

Technical data			
Input		Output	
Phases	1	Nominal output voltage $U_{o\,nom}$	24 VDC (SELV)
Nominal input voltage $U_{i\,nom}$	1 x 100 ... 240 VAC	Output voltage range	23 ... 28.5 VDC (adjustable)
Input voltage range	1 x 85 ... 264 VAC; 100 ... 300 VDC	Default Setting	DC 24 V
Input voltage derating	-2.5 %/V (< 100 VAC); -1 %/V (< 130 VDC)	Nominal output current $I_{o\,nom}$	10 A (24 VDC)
Nominal mains frequency range	44 ... 66 Hz; 0 Hz	Nominal output power	240 W
Input current I_i	≤ 1.25 A (230 VAC); ≤ 2.74 A (100 VAC)	Deviation	≤ 1 %
Discharge current	≤ 1 mA	Residual ripple	≤ 50 mV (peak-to-peak)
Inrush current	≤ 30 A	Current limitation	1.1 x $I_{o\,nom}$ (typ.)
Power factor correction (PFC)	Active	Overload behavior	Constant current
Mains failure hold-up time	≥ 17 ms (230 VAC); ≥ 15 ms (100 VAC)	TopBoost	See instruction leaflet
Signaling and communication		Efficiency/power losses	
Signaling	1 x LED DC OK (green) 1 x DC OK contact (make contact; max. 30 VAC/DC; 1 A)	Power loss P_i	≤ 6.6 W; ≤ 24.4 W (230 VAC; nominal load)
Operation status indicator	Green LED (U_o)	Power loss (max.) $P_{i(max)}$	31.3 W (100 VAC / 24 VDC; 10 A)
		Efficiency (typ.)	91 %
Circuit protection			
Internal fuse	T 6.3 A / 250 VAC		
Backup fusing (required)	An external DC fuse is required for the DC input voltage.		
Backup fusing (recommended)	Circuit breaker: 10 A, 16 A; Tripping characteristic: B or C		



Safety and protection		
Isolation voltage (pri.-sec.)		DC 4.242 kV
Isolation voltage (pri.-PE)		DC 2.2 kV
Isolation voltage (sec.-PE)		0.7 kVDC
Protection class		I
Protection type		IP20; per EN 60529
Protective coating		Coated PCBs
Resistance to reverse feed		≤ 35 VDC
Overvoltage category		II
Pollution degree		2
Transient suppression (primary)		Varistor
Overvoltage protection; secondary		Internal protective circuit ≤ 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/signaling
Connection technology		CAGE CLAMP®
WAGO connector		WAGO 721 Series
Solid conductor		0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor		0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length		8 ... 9 mm / 0.31 ... 0.35 inches

Physical data		
Width		55 mm / 2.165 inches
Height		127 mm / 5 inches
Depth from upper-edge of DIN-rail		172 mm / 6.772 inches

Mechanical data		
Mounting type		DIN-35 rail

Material data		
Fire load		0.462 MJ
Weight		1140 g

Environmental requirements		
Ambient temperature (operation)		-25 ... +70 °C (device starts at -40 °C (type-tested))
Ambient temperature (storage)		-25 ... +85 °C
Relative humidity		5 ... 96 % (no condensation permissible)
Derating		-5 %/K (> 60 °C, 196 ... 264 VAC); -2.5 %/K (> 50 °C, 85 ... 195 VAC)
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

Commercial data	
eCl@ss 10.0	27-04-07-01
eCl@ss 9.0	27-04-07-01
ETIM 9.0	EC002540
ETIM 8.0	EC002540
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143667944
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	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03078		
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081		

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 787-1632/000-070	



Documentation				
Bid Text			Instruction Leaflet	
787-1632/000-070	04.07.2019	xml 7.32 KB	Primär getaktete Stromversorgung;	24.07.2017 04.03.2022 pdf 1622.10 KB
787-1632/000-070	04.06.2019	docx 21.00 KB		

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 787-1632/000-070	EPLAN Data Portal 787-1632/000-070

Engineering-Software				
Configuration and Commissioning Software				
WAGO Line Length Calculation	1.3.5 09.12.2019	exe 329.50 KB		

1 Compatible Products
1.1 Optional Accessories
1.1.1 Mounting adapter
1.1.1.1 DIN-rail adapter



[Item No.: 787-897/000-010](#)
Carrier rail adapter made of zinc die-cast;
horizontal mounting of 787-16xx (TS35)

1.1.2 Tool
1.1.2.1 Operating tool



[Item No.: 210-769](#)
SCREWDRIVER; green