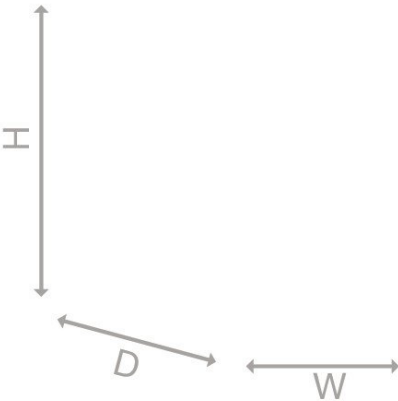
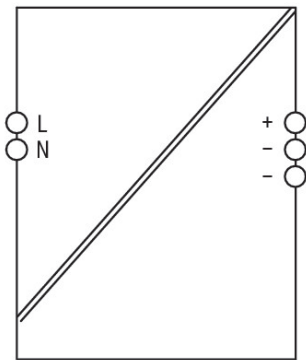




- Features:**
- Optical status indication
 - Suitable for both parallel and series operation
 - Natural convection cooling when horizontally mounted
 - Connection technology with push-in termination and tool-free lever operation
 - Electrically isolated output voltage (SELV/PELV) per EN 61010/UL 61010
 - Marker slot (2789-1223, not included) for WAGO marking cards (WMB) and WAGO marking strips

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 ... 29 V (adjustable)
Input voltage range	1 x AC 90 ... 264 V	Default setting	DC 24 V
Nominal mains frequency range	50 ... 60 Hz	Nominal output current $I_{o\,nom}$	1.25 A (24 VDC)
Input current I_i	≤ 0.3 A (230 VAC; nominal load); ≤ 0.6 A (100 VAC; nominal load)	Nominal output power	30 W
Inrush current	≤ 10 A (after 1 ms)	Deviation	≤ 1 %
Power factor correction (PFC)	passive	Residual ripple	≤ 30 mV (Peak-to-peak, at 230 VAC)
Mains failure hold-up time	≥ 120 ms (230 VAC); ≥ 15 ms (110 VAC)	Overload behavior	Constant power up to 125 %; shutdown and automatic restart in the event of a short circuit

Signaling and communication

Signaling	1 x LED DC OK (green)
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Efficiency/power losses

Power loss P_I	≤ 0.2 W (no load); ≤ 4.3 W (Nominal load)
Efficiency (typ.)	88 %

Circuit protection

Internal fuse	T 1 A / 250 VAC
Backup fusing (recommended)	16 A (for USA/Canada: 15 A)

Safety and protection

Isolation voltage (pri.-sec., AC)	3510 V
Protection class	II
Protection type	IP20; per EN 60529
Resistance to reverse feed	$\leq$ DC 35 V
Overvoltage category	III (≤ 2000 m a. s.l.); II (
Pollution degree	2
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	Yes
Series operation	Yes
MTBF	

Connection data

Connection type 1	Input/output
Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.2 ... 4 mm² / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 4 mm² / 24 ... 12 AWG

Physical data

Width	25 mm / 0.984 inches
Height	100 mm / 3.937 inches
Depth from upper-edge of DIN-rail	100 mm / 3.937 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Fire load	0 MJ
Weight	160 g

Environmental requirements

Ambient temperature (operation at U_N)	-25 ... 70 °C (Device starts at -40 °C (type-tested))
Surrounding air temperature (storage)	-40 ... +85 °C
Relative humidity	5 ... 96 % (no condensation permissible)
Derating	See type label/manual
Operating altitude (max.)	5000 m



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

Commercial data	
ETIM 8.0	EC002540
ETIM 7.0	EC002540
PU (SPU)	1 Pieces
Country of origin	CN
GTIN	4066966156492
Customs tariff number	85044082900

Approvals and certificates					
General approvals			Approvals for hazardous areas		
					
Approval	Standard	Certificate name	Approval	Standard	Certificate name
UL Underwriters Laboratories Inc.	UL 61010-2-201	E255817	UL Underwriters Laboratories Inc. (HAZARDOUS LOCA- TIONS)	UL 121201	E198726

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2687-2142	

Documentation			
Manual		Bid Text	
Product Manual Power supply Eco 2; 1-phase; 24 VDC output voltage; 1.25 A output current	V 1.0.0 03.08.2021	pdf 2790.92 KB	
		2687-2142	
		xml 7.11 KB	
		2687-2142	
		docx 33.09 KB	



Instruction Leaflet			
Stromversorgung; Eco 2	V 1.0.0 16.06.2021	pdf 2279.02 KB	

1 Compatible products
1.1 Optional accessories
1.1.1 Marking
1.1.1.1 Marker carrier



[Item no.: 2789-1223](#)
Marker carrier; for WMB or marking strips;
Length: 23 mm