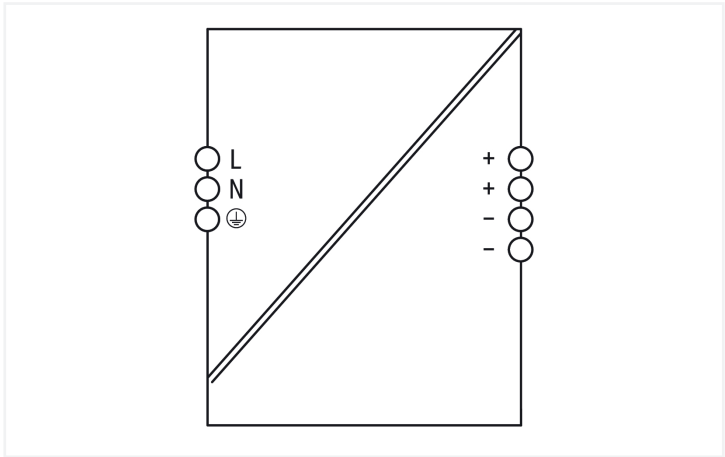




Similar to illustration

- Features:**
- Optical status indication
 - Suitable for both parallel and series operation
 - Natural convection cooling when horizontally mounted
 - Connection technology with push-in termination
 - Electrically isolated output voltage (SELV) per EN 62368-1/UL 61010-1

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	23.5 ... 28 VDC (adjustable)
Input voltage range	1 x 90 ... 264 VAC (Derating -1 %/V for voltage < 100 VAC)	Default Setting	DC 24 V
Nominal mains frequency range	50 Hz / 60 Hz	Nominal output current $I_{o\,nom}$	10 A (24 VDC)
Input current I_i	≤ 3.5 A	Nominal output power	240 W
Inrush current	≤ 15 A (at 230 VAC / 25 °C)	Deviation	≤ 1 %
Power factor correction (PFC)	Active	Residual ripple	≤ 100 mV (peak-to-peak)
Mains failure hold-up time	≥ 22 ms (230 VAC)	Overload behavior	Shutdown and automatic restart in the event of a short circuit



Signaling and communication	
Signaling	Optical status indication (DC OK)

Efficiency/power losses	
Power loss P _I	≤ 5 W (230 VAC; no load); ≤ 24.6 W (230 VAC; nominal load)
Efficiency (typ.)	91 %

Safety and protection	
Isolation voltage (pri.-sec., AC)	3510 V
Isolation voltage (pri.-PE, AC)	2210 V
Protection class	I
Protection type	IP20; Per EN 60529
Overvoltage category	III (≤ 2000 m); II (> 2000 m)
Pollution degree	2
Short-circuit-protected	Yes
Open-circuit-proof	Yes
Parallel operation	Yes
Series operation	Yes
MTBF	> 1,000,000 h (at 25 °C; per IEC 61709; SN 29500)

Connection data	
Connection 1	
Connection type	Input/output
Connection technology	Push-in CAGE CLAMP®
WAGO connector	WAGO 2624 Series
Solid conductor	0.2 ... 6 mm² / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm² / 24 ... 10 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²
Strip length	10 ... 12 mm / 0.39 ... 0.47 inches

Physical data	
Width	52 mm / 2.05 inches
Height	125 mm / 4.92 inches
Depth from upper-edge of DIN-rail	117 mm / 4.61 inches

Mechanical data	
Mounting type	DIN-35 rail

Material data	
Fire load	0 MJ
Weight	752 g



Environmental requirements	
Ambient temperature (operation)	-30 ... +70 °C (Device starts at -40 °C (type-tested))
Ambient temperature (storage)	-40 ... +85 °C
Relative humidity	5 ... 96 % (no condensation permissible)
Derating	-4.8 W/°C (> 45 °C and < 200 V); -4.8 W/°C (> 50 °C and ≥ 200 V)
Climatic category	3K3 (per EN 60721)
Operating altitude (max.)	5000 m

Standards and specifications	
Conformity marking	CE
Standards/specifications	EN 62368-1 EN 55032 EN 55035 EN IEC 61000-3-2 EN 61000-3-3 EN IEC 61000-6-4 EN IEC 61000-6-2 UL 61010-1 UL 61010-2-201

Commercial data	
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	CN
GTIN	4066966626490
Customs tariff number	85044083900

Product Classification	
UNSPSC	39121004
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		Declarations of conformity and manufacturer's declarations
	Approval	Standard
	Standard	Certificate Name
	Certificate Name	
UL	UL 61010-2-201	E255817
Underwriters Laboratories Inc.		
	EU-Declaration of Conformity	-
	WAGO GmbH & Co. KG	-
	UK-Declaration of Conformity	-
	WAGO GmbH & Co. KG	-



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Environmental Product Compliance

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Environmental Product Compliance 2587-2146

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Documentation

Bid Text

2587-2146	14.04.2025	docx 45.15 KB	Download icon
2587-2146	14.04.2025	x81 7.13 KB	Download icon

Instruction Leaflet

Power Supply BASE	V 4.0.0 28.08.2025	pdf 734.73 KB	Download icon
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CAD/CAE-Data

CAD data

2D/3D Models 2587-2146

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1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Electronic circuit breaker



[Item No.: 787-3664](#)
Electronic circuit breaker; 4-channel; 24 VDC input voltage; adjustable 1 ... 10 A; Signal contact



[Item No.: 787-3668](#)
Electronic circuit breaker; 8-channel; 24 VDC input voltage; adjustable 1 ... 10 A; Signal contact

1.1.2 Tool

1.1.2.1 Operating tool



[Item No.: 210-719](#)
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



[Item No.: 210-720](#)
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



[Item No.: 210-721](#)
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured