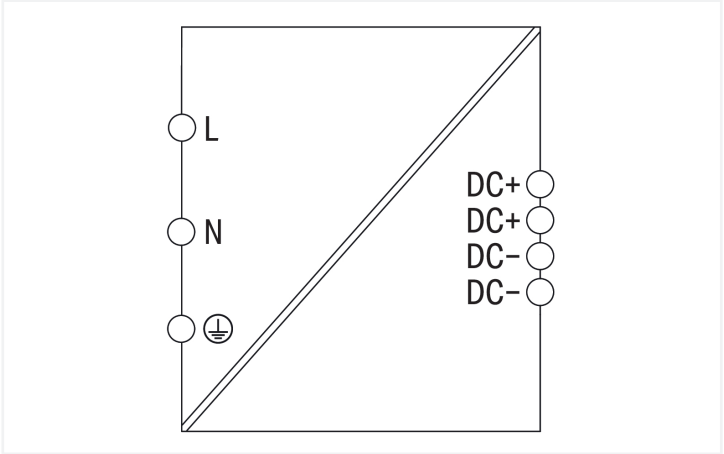




- Features:**
- Switched-mode power supply
 - Natural convection cooling when horizontally mounted
 - Encapsulated for use in control cabinets
 - Suitable for both parallel and series operation
 - Electrically isolated output voltage (SELV) per EN 60335-1 and UL 60950-1; PELV per EN 60204
 - DIN-35 rail mountable in different positions
 - Direct installation on mounting plate via cable grip

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	22 ... 26 VDC (adjustable)
Input voltage range	1 x 90 ... 264 VAC; 125 ... 375 VDC	Default Setting	DC 24 V
Nominal mains frequency range	47 ... 63 Hz; 0 Hz	Nominal output current $I_{o\ nom}$	5 A (24 VDC; 110 ... 240 VAC); 4 A (24 VDC; 100 ... 240 VAC)
Input current I_i	$\leq 1\ A\ (230\ VAC); \leq 2\ A\ (115\ VAC)$	Nominal output power	120 W
Discharge current	$\leq 1.5\ mA$	Deviation	$\leq 1\ \%$
Inrush current	$\leq 18\ A$	Residual ripple	$\leq 200\ mV\ (peak-to-peak)$
Power factor correction (PFC)	Passive	Overload behavior	Constant power (in overload range: $1.05 \dots 1.4 \times I_{o\ nom}$); Shutdown and automatic restart in the event of a short circuit
Mains failure hold-up time	$\geq 10\ ms\ (230\ VAC)$		

Signaling and communication	
Signaling	1 x LED DC OK (green)
Operation status indicator	Green LED (U_o)

Efficiency/power losses	
Power loss P_l	$\leq 19\ W$
Efficiency (typ.)	88 % (230 VAC; 5 ADC)

Circuit protection	
Internal fuse	F 2.5 A / 250 VAC
Backup fusing (required)	An external DC fuse is required for the DC input voltage.
Backup fusing (recommended)	Circuit breaker: B6, B10



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
Resistance to reverse feed		≤ 30 VDC
Overvoltage category		II
Pollution degree		2
Transient suppression (primary)		Varistor
Short-circuit-protected		Yes
Open-circuit-proof		Yes
Parallel operation		Yes
Series operation		Yes, for 2 devices of the same type
MTBF		> 300,000 h (per IEC 61709)

Connection data		
Note (conductor cross-section)	12 AWG: THHN, THWN	
		Connection 1
		Connection type 1
		Input/output
		Connection technology
		CAGE CLAMP®
		WAGO connector
		WAGO 236 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		60 mm / 2.362 inches
Height		130 mm / 5.112 inches
Depth from upper-edge of DIN-rail		99 mm / 3.898 inches

Mechanical data		
Mounting type		DIN-35 rail Screw mount

Material data		
Fire load		0.129 MJ
Weight		550 g

Environmental requirements		
Ambient temperature (operation)		-20 ... +60 °C
Ambient temperature (storage)		-25 ... +75 °C
Relative humidity		10 ... 95 % (no condensation permissible)
Derating		-3 %/K (> 45 °C)
Climatic category		3K3 (per EN 60721)



Standards and specifications		
Conformity marking	CE	
Standards/specifications	EN 61204-3 EN 60335-1 EN 62368-1 UL 60950-1 UL 508 SEMI F47	

Commercial data		
PU (SPU)	1 pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4055143372442	
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	
SCIP notification number (Bulgaria)	aa2613f5-6113-400e-be75-dc6756207f88	
SCIP notification number (Czech Republic)	7ede9750-7374-4598-8c28-b0e5d82e38fc	

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
  		
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	-	-
MFD for SEMI F47 WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



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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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com