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Description

- Switched-mode power supply
- Natural convection cooling when horizontally mounted
- Enclosed for use in control cabinets
- Suitable for both parallel and series operation
- Electrically isolated output voltage (SELV) per EN 60950-1/UL 60950-1
- DIN-35 rail mountable in different positions
- Installation width (as delivered): 30 mm
- Direct installation on mounting plate via cable grip



Product details

Details ^

Technical Data

Input

Phases	1
Nominal input voltage $U_{i\text{ nom}}$	100 ... 240 VAC
Input voltage range	90 ... 264 VAC; 125 ... 375 VDC
Input current I_i	= 0.3 A (230 VAC); = 0.6 A (115 VAC)
Discharge current	= 1.5 mA

Item no. 787-1702



Nominal output voltage $U_{o\text{ nom}}$	24 VDC (SELV)
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Output voltage range	22 ... 26 VDC (adjustable)
Factory preset	24 VDC
Nominal output current $I_{o\ nom}$	1.25 A (24 VDC; 110 ... 240 VAC); 1 A (24 VDC; 100 ...)
Nominal output power	30 W

— Signaling and communication

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

— Efficiency/Power losses:

Efficiency	≈87% (230 VAC; 1.25 ADC)
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— Fuse protection:

Internal fuse	F 1 A / 250 VAC
External fuse (required)	an external DC fuse required for DC input voltage
External fuse (recommended)	Circuit breakers B6, B10 an external DC fuse required for DC input voltage

— Safety and protection:

Isolation voltage (PRI-GND)	2.2 kV DC
Insulation voltage (SEC-GND)	0.7 kV DC
Protection class	I
Degree of protection	IP20 (per EN 60529)
Feedback voltage	= 30VDC

— Connection data

Connection type (1)	Input/Output
Connection technology	CAGE CLAMP®
Terminal	WAGO 236 Series

Item no. 787-1702

Line-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
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Geometrical Data

Width	30 mm / 1.181 inch
Height	90 mm / 3.543 inch
Length from upper-edge of DIN-35 rail	99 mm / 3.898 inch

Mechanical data

Type of mounting	DIN-35 rail (EN 60715) Screw mounting
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Material Data

Weight	300 g
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Environmental Requirements

Surrounding air (operating) temperature	-20 ... 60 °C
Surrounding air (storage) temperature	-25 ... 75 °C
Relative humidity	10 ... 95 % (no condensation permissible)
Derating	-4 %/K (> 45 °C)
Pollution degree	2

Standards and specifications

Conformity marking	CE
Standards/specifications	EN 60950; EN 61204-3; EN 60335; UL 60950; UL 508

Commercial data

Packaging type	BOX
Country of Origin	CN
	4055143372459

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Approvals / CertiTcates

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