

Mains failure hold-up time	$\geq 10$ ms (3 x 400 VAC)
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## Output

Nominal output voltage $U_{o\ nom}$	DC 24 V (SELV)
Output voltage range	DC 22 ... 28 V (adjustable)
Factory preset	DC 24 V
Nominal output current $I_{o\ nom}$	20 A (24 VDC)
Nominal output power	480 W
Adjustment accuracy	$\leq 1$ %
Residual ripple	$\leq 150$ mV (peak-to-peak)
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

## Signaling and communication

Signaling	1 x LED DC OK (green) 1 x Overload LED (red) 1 x DC OK signal output (PhotoMOS as make contact; can be loaded with max. 31.2 V / 100 mA)
Operation status indicator	Green LED ( $U_o$ ) Red LED (overload)

## Efficiency/Power losses:

Power loss $P_l$	$\leq 2,15$ W (400 VAC; no load); $\leq 42,5$ W (400 VAC; Nominal load)
Efficiency (typ.)	92 %

## Fuse protection:

Internal fuse	3 x T 3.15 A / 500 VAC
External fuse (required)	An external DC fuse is required for the DC input voltage.
External fuse (recommended)	3 x circuit breaker $\geq 10$ A; Tripping characteristic: B or C

## Safety and protection:

Insulation voltage (PRI-SEC)	DC 4,242 kV
Isolation voltage (PRI-GND)	DC 2,2 kV
Insulation voltage (SEC-GND)	DC 0,7 kV
Insulation voltage (SEC-Signal)	DC 0,7 kV

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



Protection class	I
Protection class	IP20 (per EN 60529)
Feedback voltage	≤ DC 30 V
Overvoltage category	II
Transient protection, primary	Varistor
Short circuit protection	Yes
No-load proof	Yes
Parallel operation	Yes
Series connection	Max. 2 devices
MTBF	> 1,800,000 h (per IEC 61709)

### Connection data

Connection type (1)	Input/Output
Connection technology	Push-in CAGE CLAMP®
WAGO terminal	WAGO 2606 Series
Solid conductor	0,5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Fine-stranded conductor	0,5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Strip length	11 ... 13 mm / 0.43 ... 0.51 inch
Connection type (2)	Signaling
Connection technology 2	Push-in CAGE CLAMP®
WAGO terminal 2	picoMAX® 3.5 (WAGO 2091 Series)
Solid conductor (2)	0,2 ... 1,5 mm <sup>2</sup> / 24 ... 14 AWG
Fine-stranded conductor (2)	0,2 ... 1,5 mm <sup>2</sup> / 24 ... 14 AWG
Strip length (2)	8 ... 9 mm / 0.31 ... 0.35 inch

### Geometrical Data

Width	80 mm / 3.15 inch
Height	130 mm / 5.118 inch
Length from upper-edge of DIN-35 rail	170 mm / 6.693 inch

### Mechanical data

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

Weight	1710 g
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