



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	$\leq 6,2$ W (400 VAC; Nominal load); $\leq 64,3$ W (400 VAC; Nominal load)
Efficiency (typ.)	93 %

Fuse protection:

Internal fuse	3 x T 6.3 A / 500 VAC
External fuse (required)	An external DC fuse is required for the DC input voltage.
External fuse (recommended)	3 x circuit breaker ≥ 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
Protection class	I
Protection class	IP20 (per EN 60529)
Feedback voltage	\leq 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	$> 1,300,000$ h (per IEC 61709)

Connection data

Connection type (1)	Input
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Subject to changes. Please also observe the further product documentation!



Connection technology	Push-in CAGE CLAMP®
WAGO terminal	WAGO 2606 Series
Solid conductor	0,5 ... 6 mm ² / 20 ... 10 AWG
Fine-stranded conductor	0,5 ... 6 mm ² / 20 ... 10 AWG
Strip length	11 ... 13 mm / 0.43 ... 0.51 inch
Connection type (2)	Output
Connection technology 2	Push-in CAGE CLAMP®
WAGO terminal 2	WAGO 2616 Series
Solid conductor (2)	0,75 ... 16 mm ² / 18 ... 4 AWG
Fine-stranded conductor (2)	0,75 ... 25 mm ² / 18 ... 4 AWG
Strip length (2)	18 ... 20 mm / 0.71 ... 0.79 inch
Connection type (3)	Signaling
Connection technology 3	Push-in CAGE CLAMP®
WAGO terminal 3	picoMAX® 3.5 (WAGO 2091 Series)
Solid conductor (3)	0,2 ... 1,5 mm ² / 24 ... 14 AWG
Fine-stranded conductor (3)	0,2 ... 1,5 mm ² / v ... 14 AWG
Strip length (3)	8 ... 9 mm / 0.31 ... 0.35 inch

Geometrical Data

Width	140 mm / 5.512 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	2630 g
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Environmental Requirements

Surrounding air (operating) temperature	-20 ... 70 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Relative humidity	10 ... 95 % (no condensation permissible)
Derating	-2 %/K (> 45 °C)
Pollution degree	2

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Do you have any questions about our products?
 We are always happy to take your call at {0}.