

EVOLUTION+ POWER SUPPLY 3-PHASE,

Alarm Contact and varnished PCB

INPUT: 3× 360...520 V AC / 480...745 V DC

OUTPUT: 48...56 V DC

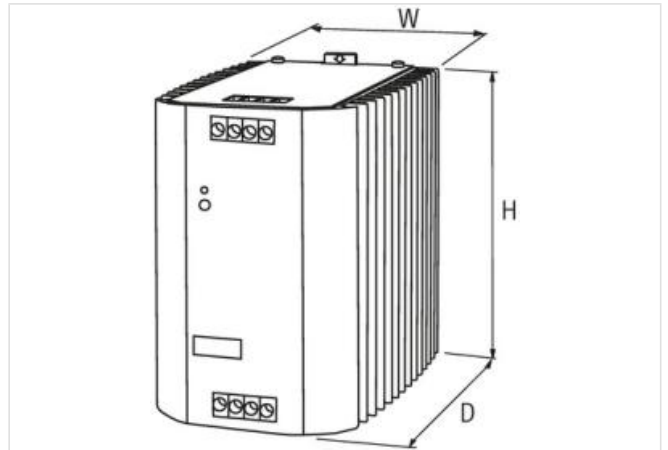
Current: 20 A

[Link to Product](#)

Illustration



Product may differ from Image



Input

Input voltage	3× 324...572 V AC/480...745 V DC
Primary fusing external	max. 3× 20 A
Input current	3× 1.9 A
Frequency	50...60 Hz

Output

Output voltage	48 V DC (SELV), ±1%; 48...56 V adjustable
Power Boost	I _{out} N × 150% (min. 4 s)
LED display	LED (green): OK; LED (red): overload
Alarm output	electronic relay max. 30 V DC/0.1 A, group alarm
Output current	20 A (+55 °C); 15 A (+70 °C)
Mains failure bridging time	min. 17 ms (400 V AC)
Ripple	max. 50 mV eff/rms
Spikes	max. 100 mV ss/pp
Unit protection	short-circuit and overload protected
Parallel usage/serial usage	max. 5 units/no

General data

Standards	IEC 61010-2-201, EN 61204-3, EN 55022 B, EN 61000-3-2
Mounting method	DIN-rail mountable TH35 (EN 60715)
Temperature range	-25...+70 °C (storage temperature -40...+85 °C)
Protection	Varnished board
Relative humidity	5...95%, no condensation

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2023-07-12

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Protection	IP20
Efficiency	92.5% (3× 360 V AC); 90.5% (3× 520 V AC)
Connection	Screw terminals
Dimensions H×W×D	132×164×142 mm