EVOLUTION+ POWER SUPPLY 3-PHASE,

Alarm Contact and varnished PCB

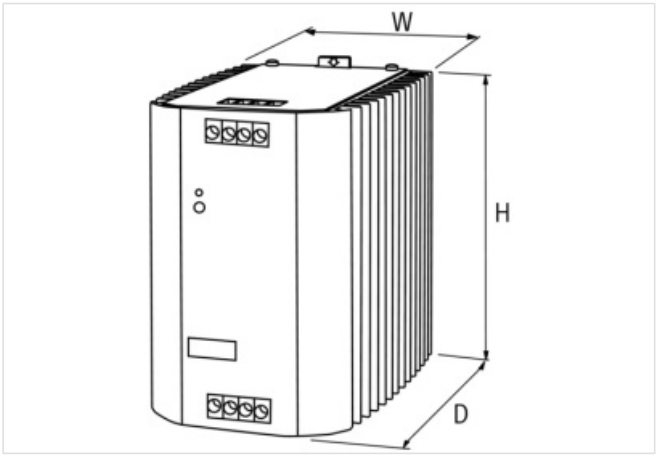
Art.No.: 85010
Weight: 2,000 kg
Country of origin: CZ
Model designation: Evolution+ 10-3x360-520/48

INPUT: 3× 360...520 V AC / 480...745 V DC
OUTPUT: 48...56 V DC
Current: 10 A

Link to Product

Illustration





Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/85010
GTIN	4048879387118
EU-Customs tariff number	85044095
US-Customs tariff number	8504409580
ECLASS-6.0	27049002
ECLASS-6.1	27049002
ECLASS-7.0	27049002
ECLASS-7.1	27049002
ECLASS-8.0	27049002
ECLASS-8.1	27049002
ECLASS-9.0	27040701
ECLASS-9.1	27040701
ECLASS-10.0.1	27040701
ECLASS-10.1	27040701
ECLASS-11.0	27040701
ECLASS-11.1	27040701
ECLASS-12.0	27040701
ECLASS-13.0	27040701

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ECLASS-14.0	27040701
ETIM-5.0	EC002540
ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
ETIM-9.0	EC002540
ETIM-10.0	EC002540
customs tariff number	85044095
EAN	4048879387118
Packaging unit	1
Electrical data	
Parallel connection	Yes
Number of devices parallel connection max.	5
Series connection	No
Electrical data | Supply	
Protective measure	SELV
Power frequency	50 ... 60 Hz
Electrical data | Input	
Phase number input	3
Input voltage AC min.	324 V
Input voltage AC max.	572 V
Nominal input voltage AC	3
Input voltage DC min.	480 V
Input voltage DC max.	745 V
Input current AC (3-phase)	1,3 A
Nominal current AC	3
Inrush current max.	23 A
Efficiency	92.3 % @ 3× 360 V AC 91 % @ 3× 520 V AC
External back-up fuse per phase max.	20 A
Electrical data | Output	
Output voltage adjustable	Yes
Output voltage DC	48 V
Output voltage DC min.	48 V
Output voltage DC max.	56 V
Output current	10 A
Mains failure bridging min.	24 ms @ 400 V AC
Power Boost	150 %
Duration Power Boost min.	4 s
Spikes (s-s) max.	100 mV
Ripple effective max.	50 mV
Diagnostics	
Alarm contact	Yes
Alarm contact message type	group alarm
Alarm contact triggers @	30 V DC / 0.1 A
Installation | Connection	
Connection	Screw terminals SK
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Overload protection output	Yes
Short-circuit protection output	Yes
Mechanical data | Material data	

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Conformal coated PCB	Yes
Mechanical data | Mounting data	
Height	132 mm
Width	113 mm
Depth	136 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Environmental characteristics | Electromagnetic compatibility	
Interference emission	IEC/EN 55022, IEC 61000-3-2
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	70 °C
Derating	55 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	5 % … 95 %
Additional condition relative humidity	no condensation
Conformity	
Product standard	EN IEC 61010-2-201, EN 61204-3

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