

EVOLUTION+ POWER SUPPLY 3-PHASE,

Alarm Contact and varnished PCB

Art.No.: 85009

Weight: 1.4

Country of origin: CZ

Model designation: Evolution+ 5-3x360-520/48

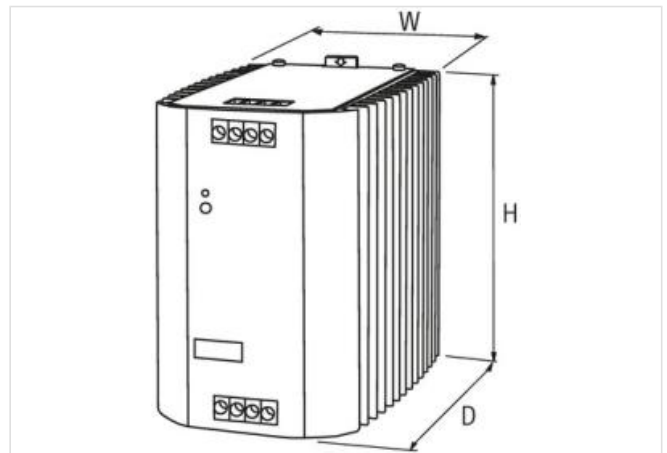
INPUT: 3× 360...520 V AC / 480...745 V DC

OUTPUT: 48...56 V DC

Current: 5 A

[Link to Product](#)**Illustration**

Product may differ from Image

**Commercial data**

ECLASS-6.0	27049002
ECLASS-6.1	27049002
ECLASS-7.0	27049002
ECLASS-8.0	27049002
ECLASS-9.0	27040701
ECLASS-10.1	27040701
ECLASS-11.1	27040701
ECLASS-12.0	27040701
ETIM-5.0	EC002540
customs tariff number	85044095
customs tariff number	85044095
GTIN	4048879387125
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Packaging unit	1
Packaging unit	1

Electrical data

Number of devices parallel connection max.	5
Parallel connection	yes

Series connection	no
Security level	SELV

Electrical data | Supply

Power frequency	50 ... 60 Hz
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Electrical data | Input

Input voltage AC min.	324 V
Input voltage AC max.	572 V
Input voltage DC min.	480 V
Input voltage DC max.	745 V
Input current AC (3-phase)	0,8 A
Inrush current max.	9 A
External back-up fuse per phase max.	20 A
Phase number input	3
Efficiency	91,3 % @ 3× 360 V AC, 90,5 % @ 3× 520 V AC

Electrical data | Output

Output voltage DC	48 V
Output voltage DC min.	48 V
Output voltage DC max.	56 V
Output voltage adjustable	yes
Output current	5 A
Duration Power Boost min.	4 s
Mains failure bridging min.	17 ms @ 400 V AC
Power Boost	150 %
Ripple effective max.	50 mV
Spikes (s-s) max.	100 mV

Diagnostics

Alarm contact	yes
Alarm contact message type	group alarm
Alarm contact triggers @	30 V DC / 0.1 A

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Overload protection output	yes
Short-circuit protection output	yes

Mechanical data | Material data

Conformal coated PCB	yes
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Mechanical data | Mounting data

Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Height	132 mm
Width	93 mm
Depth	114 mm

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	70 °C
Derating from	55 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation

Connection type 2

Connection	Screw terminals SK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	PE
PIN 2	L 1
PIN 3	L 2
PIN 4	L 3
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	+
PIN 2	+
PIN 3	-
PIN 4	-