

EVOLUTION POWER SUPPLY 3-PHASE,

IN: 360-520VAC OUT: 22-28V/10ADC

Art.No.: 85001

Weight: 1.469 kg

Country of origin: CZ

Model designation: Evolution 10-3x360-520/24

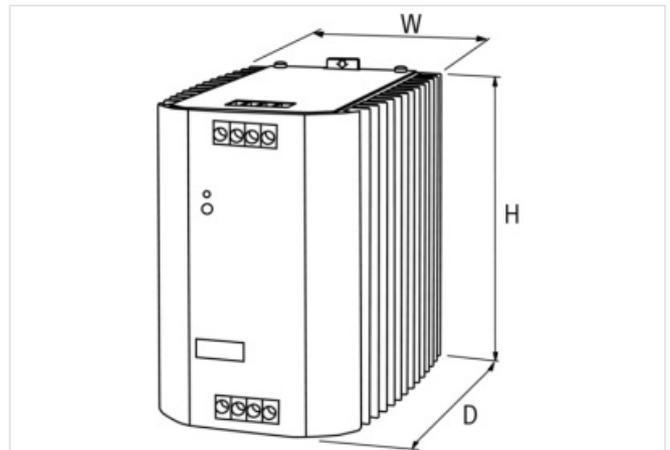
INPUT: 3× 360...520 V AC / 480...745 V DC

OUTPUT: 22...28 V DC

Current: 10 A

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

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/85001
GTIN	4048879000086
Customs tariff number	85044095
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
ECLASS-14.0	27040701
ETIM-5.0	EC002540

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: 2026-04-22

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ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
customs tariff number	85044095
EAN	4048879000086
Packaging unit	1

Electrical data

Parallel connection	Yes
Number of devices parallel connection max.	5
Series connection	Yes
Number of devices series connection max.	2

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)	0,8 A
Nominal current AC	3
Inrush current max.	15 A
Efficiency	90 % @ 3× 400 V AC 90 % @ 3× 520 V AC
Characteristic back-up fuse	Inertia
External back-up fuse per phase max.	10 A

Electrical data | Output

Output voltage adjustable	Yes
Output voltage DC	24 V
Output voltage DC min.	22 V
Output voltage DC max.	28 V
Output current	10 A
Mains failure bridging min.	19 ms @ 400 V AC
Power Boost	150 %
Duration Power Boost min.	4 s
Spikes (s-s) max.	100 mV
Ripple effective max.	50 mV

Device protection | Electrical

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

Mechanical data | Mounting data

Height	132 mm
Width	93 mm
Depth	114 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
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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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Approvals

SEMI F47	compliant
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Connection type 2

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