EVOLUTION POWER SUPPLY 3-PHASE,

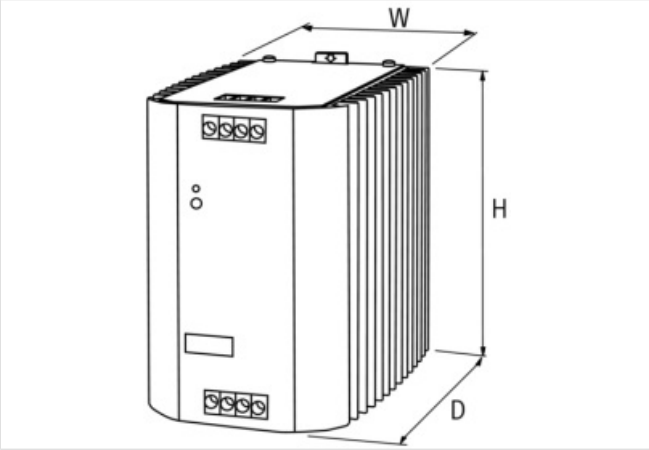
IN: 360-520VAC OUT: 22-28V/10ADC

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
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	4048879000086
Packaging unit	1
Electrical data	
Parallel connection capability	Yes
Number of devices parallel connection max.	5
Series connection	Yes
Number of devices series connection max.	2
Electrical data | Supply	
Protective measure	SELV
Mains 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	Slow blow
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 time 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	Snapped
Suitable for mounting type	Mounting rail TH35, (EN 60715)

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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
Approvals	
SEMI F47	Compliant
Connection type 2-2	
Family construction form	Terminal
No. of poles	4
Gender	Female
Color contact carrier	green
Connection type	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 type	Screw terminals SK
PIN 1	+
PIN 2	+
PIN 3	-
PIN 4	-

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