

EVOLUTION POWER SUPPLY 3-PHASE,

IN: 360-520VAC OUT: 22-28V/20ADC

Art.No.: 85002

Weight: 2.157 kg

Country of origin: CZ

Model designation: Evolution 20-3x360-520/24

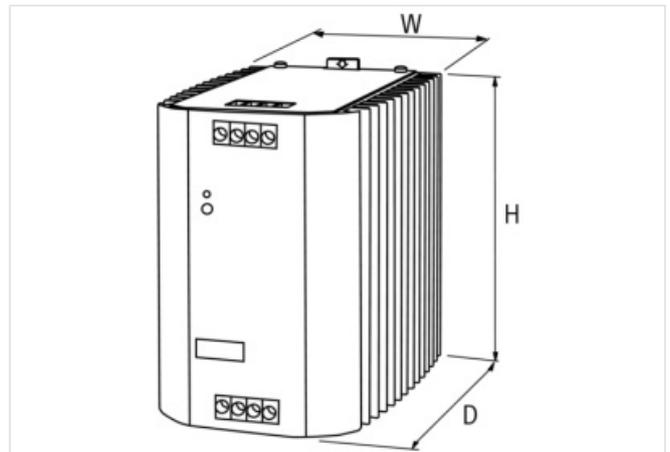
INPUT: 3× 360...520 V AC / 480...745 V DC

OUTPUT: 22...28 V DC

Current: 20 A

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

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/85002
GTIN	4048879000093
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

ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
customs tariff number	85044095
EAN	4048879000093
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)	1,3 A
Nominal current AC	3
Inrush current max.	19 A
Efficiency	90 % @ 3× 400 V AC 89 % @ 3× 520 V AC
External back-up fuse per phase max.	20 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	20 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	113 mm
Depth	136 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Environmental characteristics Electromagnetic compatibility	
Interference emission	EN IEC 55011, 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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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	-