

EVOLUTION+ POWER SUPPLY 3-PHASE,

IN: 360-520VAC OUT: 22-28V/5ADC

INPUT: 3× 360...520 V AC / 480...745 V DC
OUTPUT: 22...28 V DC
Current: 5 A

Link to Product

Illustration



Product may differ from Image



Commercial data

ECLASS-6.0	27049002
ECLASS-7.0	27049002
ECLASS-8.0	27049002
ECLASS-9.0	27040701
ETIM-5.0	EC002540
customs tariff number	85044095
GTIN	4048879326780
Packaging unit	1

Electrical data

Number of devices parallel connection max.	5
Number of devices series connection max.	2
Parallel connection	yes
Series connection	yes
Security level	SELV

Electrical data | Supply

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

Characteristic back-up fuse	Inertia
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)	0,45 A
Inrush current max.	10 A
External back-up fuse per phase max.	10 A

Phase number input	3
Efficiency	86 % @ 3× 400 V AC, 86 % @ 3× 520 V AC
Electrical data Output	
Output voltage DC	24 V
Output voltage DC min.	22 V
Output voltage DC max.	28 V
Output voltage adjustable	yes
Output current	5 A
Duration Power Boost min.	4 s
Mains failure bridging min.	30 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
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	
Conformal coated PCB	yes
Mechanical data Mounting data	
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Height	132 mm
Width	83 mm
Depth	98 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
Approvals	
SEMI F47	compliant