

MCS-B POWER SUPPLY 1-PHASE,

IN: 95-265VAC OUT: 4-6V/3ADC

INPUT: 110...240 V AC
OUTPUT: 5 V DC $\pm 1\%$
Current: 3 A
Mains failure bridging min.
min. 30 ms (115 V AC); min. 180 ms (230 V AC)

[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
GTIN	4048879079938
Packaging unit	1

Electrical data

Number of devices series connection max.	2
Parallel connection	no
Series connection	yes
Security level	SELV

Electrical data | Supply

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

Input voltage 1 AC	115 V
Input voltage 2 AC	230 V
Input voltage AC min.	95 V
Input voltage AC max.	265 V
Input voltage DC min.	110 V
Input voltage DC max.	300 V
Input current at input voltage 1 AC	0,3 A
Input current at input voltage 2 AC	0,2 A
Inrush current max.	15 A
External back-up fuse per phase max.	10 A
Efficiency	80 %

Electrical data | Output

Output voltage DC	5 V
Output voltage DC min.	4,2 V
Output voltage DC max.	6 V
Output voltage adjustable	yes
Output current	3 A
Ripple effective max.	20 mV
Spikes (s-s) max.	120 mV

Device protection | Electrical

Overload protection output	yes
Short-circuit protection output	yes

Mechanical data | Mounting data

Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Height	76 mm
Width	38 mm
Depth	87,5 mm

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	50 °C
Derating from	40 °C
Storage temperature min.	-20 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation

Connection type 2

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: 2024-04-23

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Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	2
PIN 1	-
PIN 2	+
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	3
PIN 1	PE
PIN 2	N
PIN 3	L