

**MCS-B POWER SUPPLY 1-PHASE,**

IN: 100-265VAC OUT: 24V/5ADC

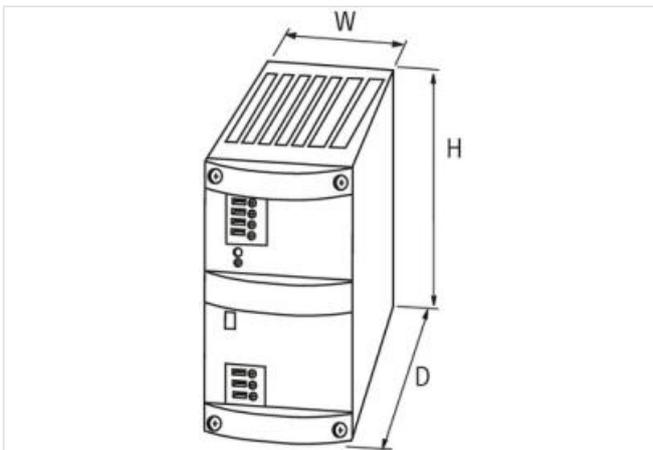
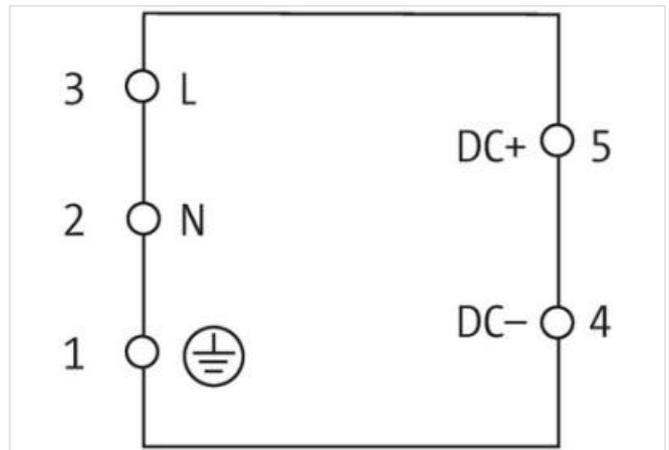
INPUT: 100...265 V AC

OUTPUT: 24 V DC +3/-1%

Current: 5 A

Mains failure bridging min.

min. 10 ms (110 V AC); min. 80 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

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: 2024-05-04

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ECLASS-10.1	27040701
ECLASS-11.1	27040701
ECLASS-12.0	27040701
ETIM-5.0	EC002540
customs tariff number	85044083
GTIN	4048879080378
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**

Input voltage 1 AC	110 V
Input voltage 2 AC	230 V
Input voltage AC min.	100 V
Input voltage AC max.	265 V
Input current at input voltage 1 AC	2 A
Input current at input voltage 2 AC	1,16 A
Inrush current max.	30 A
External back-up fuse per phase max.	10 A
Efficiency	86 % @ 115 V AC, 87 % @ 230 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
Ripple effective max.	20 mV
Spikes (s-s) max.	100 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	115 mm
Width	62 mm
Depth	125 mm

**Environmental characteristics | Climatic**

Operating temperature min.	-25 °C
Operating temperature max.	40 °C
Derating from	40 °C
Storage temperature min.	-25 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation

**Connection type 2**

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