

**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 |
|-----------------|--------------|

**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: 2024-05-01

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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                         |