

**ECO-RAIL-2 POWER SUPPLY 1-PHASE,**  
IN: 90 ... 132 VAC / 173 ... 264 VAC OUT: 24V/10ADC

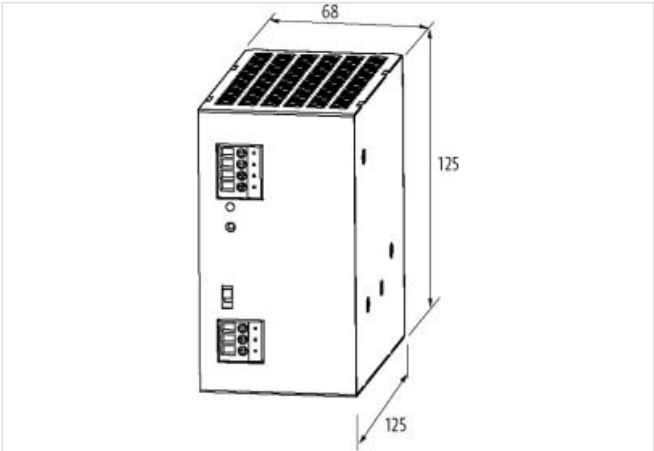
INPUT: 90...132 V AC/173...264 V AC  
OUTPUT: 23...28 V DC  
Current: 10 A  
Mains failure bridging min.  
min. 12 ms (115 V AC); min. 30 ms (230 V AC)

[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                    | 85044083      |
| GTIN                                     | 4048879694483 |
| Packaging unit                           | 1             |
| Electrical data                          |               |
| Number of devices series connection max. | 2             |
| Parallel connection                      | no            |
| Series connection                        | yes           |
| Electrical data   Supply                 |               |
| Power frequency                          | 50 ... 60 Hz  |
| Electrical data   Input                  |               |

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Fuse protection primary side internal | 5 A                              |
| Characteristic back-up fuse           | Inertia                          |
| Input voltage 1 AC                    | 100 V                            |
| Input voltage 1 AC min.               | 90 V                             |
| Input voltage 1 AC max.               | 132 V                            |
| Input voltage 2 AC                    | 240 V                            |
| Input voltage 2 AC min.               | 173 V                            |
| Input voltage 2 AC max.               | 264 V                            |
| Input current at input voltage 1 AC   | 4,3 A                            |
| Input current at input voltage 2 AC   | 2,1 A                            |
| Inrush current max.                   | 18 A @ 230 V                     |
| Efficiency                            | 86 % @ 115 V AC, 87 % @ 230 V AC |

**Electrical data | Output**

|                           |       |
|---------------------------|-------|
| Output voltage DC         | 24 V  |
| Output voltage DC min.    | 23 V  |
| Output voltage DC max.    | 28 V  |
| Output voltage adjustable | yes   |
| Output current            | 10 A  |
| Ripple effective max.     | 10 mV |
| Spikes (s-s) 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**

|                            |                                |
|----------------------------|--------------------------------|
| Mounting method            | geschnappt                     |
| Suitable for mounting type | Mounting rail TH35, (EN 60715) |
| Height                     | 125 mm                         |
| Width                      | 68 mm                          |
| Depth                      | 125 mm                         |

**Environmental characteristics | Climatic**

|                                    |                      |
|------------------------------------|----------------------|
| Operating temperature min.         | 0 °C                 |
| Operating temperature max.         | 40 °C                |
| Derating from                      | 40 °C                |
| Storage temperature min.           | -20 °C               |
| Storage temperature max.           | 85 °C                |
| Relative humidity min. (operation) | 20 %                 |
| Relative humidity max. (operation) | 90 % no condensation |

**Connection type 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                         |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |

|              |   |
|--------------|---|
| No. of poles | 4 |
| PIN 1        | - |
| PIN 2        | - |
| PIN 3        | + |
| PIN 4        | + |