

**ECO-RAIL-2 POWER SUPPLY 1-PHASE,**

IN: 90-264VAC OUT: 24V/2,5ADC

Art.No.: 85132

Weight: 0.5

Country of origin: CN

Model designation: Eco-Rail-2 2.5-100-240/24

INPUT: 100...240 V AC

OUTPUT: 23...28 V DC

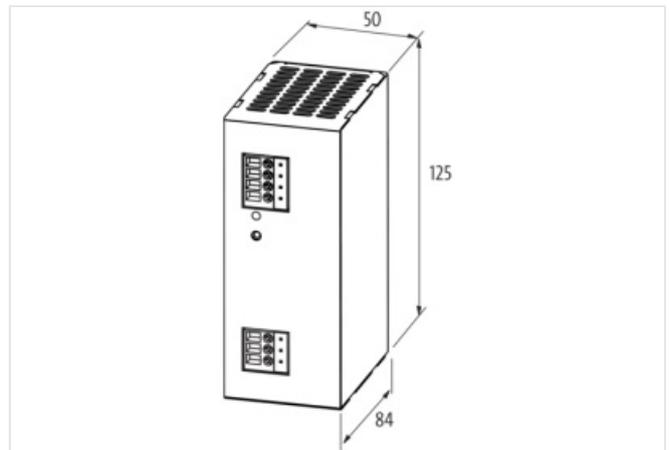
Current: 2.5 A

Mains failure bridging min.

min. 20 ms (115 V AC); min. 100 ms (230 V AC)

**[Link to Product](#)****Illustration**

Product may differ from Image

**Header**

Material short text Eco-Rail-2 2.5-100-240/24

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/85132">https://shop.murrelektronik.com/85132</a>
GTIN	4048879694469
ECLASS-6.0	27049002
ECLASS-6.1	27049002
ECLASS-7.0	27049002
ECLASS-7.1	27049002
ECLASS-8.0	27049002
ECLASS-8.1	27049002
ECLASS-9.0	27040701
ECLASS-9.1	27040701
ECLASS-10.0.1	27040701
ECLASS-10.1	27040701
ECLASS-11.0	27040701
ECLASS-11.1	27040701

ECLASS-12.0	27040701
ECLASS-13.0	27040701
ECLASS-14.0	27040701
ETIM-5.0	EC002540
ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
customs tariff number	85044083
EAN	4048879694469
Packaging unit	1

**Electrical data**

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

**Electrical data | Supply**

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

Input voltage AC min.	100 V
Input voltage AC max.	240 V
Nominal input voltage AC	100 V
Nominal current AC	1.3 A @ 100 V , 0.6 A @ 240 V
Inrush current max.	20 A @ 230 V
Efficiency	84 % @ 115 V AC 85 % @ 230 V AC
Characteristic back-up fuse	Inertia
Fuse protection primary side internal	4 A

**Electrical data | Output**

Output voltage adjustable	yes
Output voltage DC	24 V
Output voltage DC min.	23 V
Output voltage DC max.	28 V
Output current	2,5 A
Spikes (s-s) max.	50 mV
Ripple effective max.	10 mV

**Device protection | Electrical**

Degree of protection (EN IEC 60529)	IP20
Overload protection output	yes
Short-circuit protection output	yes

**Mechanical data | Mounting data**

Height	125 mm
Width	50 mm
Depth	84 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)

**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

**Conformity**

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: 2025-11-20

Product standard	EN IEC 61010-2-201
EMC	EN 61000-3-2
<b>Connection type 2</b>	
Family construction form	terminal
No. of poles	3
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	PE
PIN 2	N
PIN 3	L
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	-
PIN 2	-
PIN 3	+
PIN 4	+