

ECO-RAIL-2 POWER SUPPLY 1-PHASE,

IN: 90 ... 132 VAC / 173 ... 264 VAC OUT: 24V/20ADC

Art.No.: 85137

Weight: 1.6

Country of origin: CN

Model designation: Eco-Rail-2 20-100-240/24

INPUT: 90...132 V AC/173...264 V AC

OUTPUT: 23...28 V DC

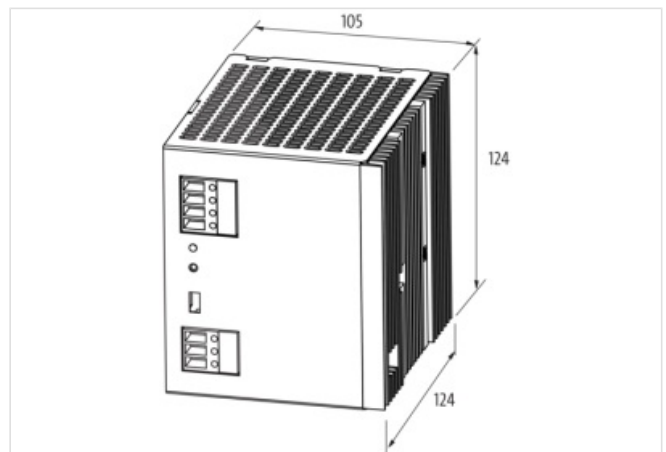
Current: 20 A

Mains failure bridging min.

min. 15 ms (115 V AC); min. 20 ms (230 V AC)

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

Product may differ from Image

**Header**

Material short text Eco-Rail-2 20-100-240/24

Commercial data

URL Webshop	https://shop.murrelektronik.com/85137
GTIN	4048879694636
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	4048879694636
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 1 AC	100 V
Input voltage 1 AC min.	90 V
Input voltage 1 AC max.	132 V
Input voltage 2 AC	200 V
Input voltage 2 AC min.	173 V
Input voltage 2 AC max.	264 V
Input current at input voltage 1 AC	78 A
Input current at input voltage 2 AC	4 A
Inrush current max.	40 A @ 230 V
Efficiency	89 % @ 115 V AC 90 % @ 230 V AC
Characteristic back-up fuse	Inertia
Fuse protection primary side internal	12 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	20 A
Spikes (s-s) max.	100 mV
Ripple effective 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

Height	124 mm
Width	105 mm
Depth	124 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

Product standard	IEC 61010-2-201
EMC	EN 61000-3-2

Connection type 2

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	+