MURR ELEKTRONIK
stay connected

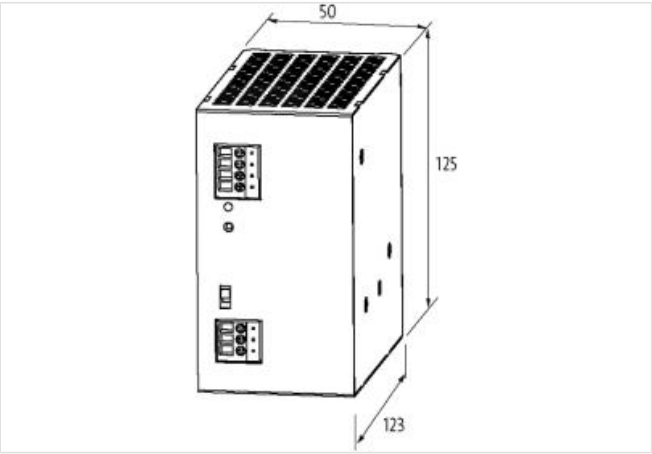
ECO-RAIL-2 POWER SUPPLY 1-PHASE,

IN: 90 ... 132 VAC / 173 … 264 VAC OUT: 24V/5ADC

INPUT: 100...240 V AC
OUTPUT: 23...28 V DC
Current: 5 A
Mains failure bridging min.
min. 45 ms (115 V AC); min. 45 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	4048879694476
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

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: 2024-04-24

Fuse protection primary side internal	5 A
Characteristic back-up fuse	Inertia
Input voltage 1 AC	100 V
Input voltage 2 AC	240 V
Input voltage AC min.	100 V
Input voltage AC max.	240 V
Input current at input voltage 1 AC	2,4 A
Input current at input voltage 2 AC	1,2 A
Inrush current max.	20 A @ 230 V
Efficiency	87 % @ 115 V AC, 88 % @ 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	5 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	50 mm
Depth	123 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	-

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: 2024-04-24

PIN 3	+
PIN 4	+

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: 2024-04-24