MURR ELEKTRONIK
stay connected

EMPARRO POWER SUPPLY 1-PHASE,

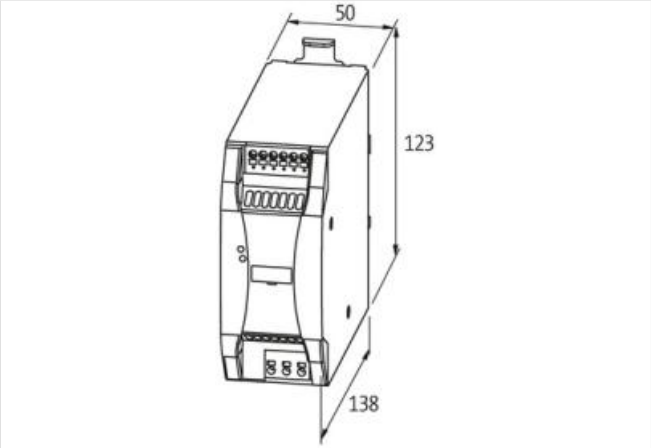
IN: 100-240VAC OUT: 24-28VDC/5A

INPUT: 85...265 V AC/90...250 V DC
OUTPUT: 24...28 V DC
Current: 5 A

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	4048879402903
Packaging unit	1

Electrical data

Number of devices parallel connection max.	5
Number of devices series connection max.	2
Parallel connection	yes
Series connection	yes
Security level	SELV

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: 2024-03-29

MURR ELEKTRONIK
stay connected

Fuse protection primary side internal	6,3 A
Characteristic back-up fuse	Inertia
Input voltage 1 AC	100 V
Input voltage 2 AC	240 V
Input voltage AC min.	85 V
Input voltage AC max.	265 V
Input voltage DC min.	90 V
Input voltage DC max.	250 V
Input current at input voltage 1 AC	1,3 A
Input current at input voltage 2 AC	0,61 A
Inrush current max.	5,5 A @ 230 V
Efficiency	92,7 % @ 110 V AC, 94,5 % @ 230 V AC
Electrical data | Output	
Output voltage DC	24 V
Output voltage DC min.	24 V
Output voltage DC max.	28 V
Output voltage adjustable	yes
Output current	5 A
Duration Power Boost min.	4 s
Mains failure bridging min.	30 ms @ 100 V AC
Power Boost	150 %
Ripple effective max.	50 mV
Spikes (s-s) max.	200 mV
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Short-circuit protection output	yes
Overload protection output	yes
Mechanical data | Mounting data	
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Height	123 mm
Width	50 mm
Depth	138 mm
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	60 °C
Derating from	45 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation
Approvals	
SEMI F47	compliant
Connection type 3	
Connection type 1	Alarm
Connection type 2	Input
Connection type 3	Output
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	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: 2024-03-29

PIN 1	13
PIN 2	14
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	+

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: 2024-03-29