

EMPARRO POWER SUPPLY 1-PHASE, PRIMARY SWITCHED

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

Art.No.: 9000-11112-0921111
Weight: 0.66
Country of origin: CZ
Model designation: Emparro 5-100-240/24 C

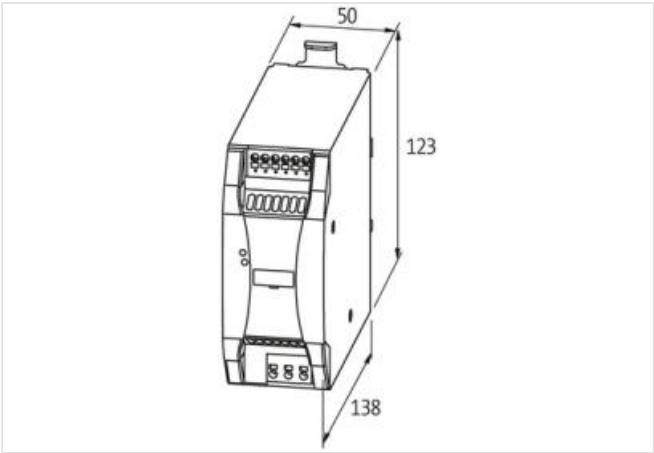
INPUT: 85...265 V AC/90...250 V DC
OUTPUT: 24...28 V DC
Current: 5 A
Varnished board

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
customs tariff number	85044095
GTIN	4048879446648
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Packaging unit	1
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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
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Electrical data | Input

Input voltage AC min.	85 V
Input voltage AC max.	265 V
Input voltage 1 AC	100 V
Input voltage 2 AC	240 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
Fuse protection primary side internal	6,3 A
Characteristic back-up fuse	Inertia
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
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	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
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Connection type 2

Connection type 1	Input
Connection type 2	Output
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	6
PIN 1	AS-i -
PIN 2	AS-i -
PIN 3	AS-i +
PIN 4	AS-i +
PIN 5	13
PIN 6	14