

EMPARRO POWER SUPPLY 1-PHASE, PRIMARY SWITCHED

IN: 100-240VAC OUT: 24-28VDC/20A

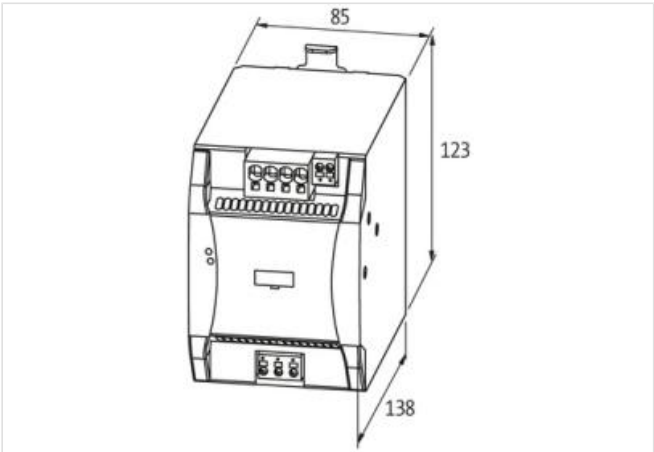
INPUT: 90...265 V AC/90...250 V DC
OUTPUT: 24...28 V DC
Current: 20 A
Varnished board

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
GTIN	4048879446662
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
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Electrical data Input	
Fuse protection primary side internal	10 A
Characteristic back-up fuse	Inertia
Input voltage 1 AC	100 V
Input voltage 2 AC	240 V
Input voltage AC min.	90 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	5,2 A
Input current at input voltage 2 AC	2,2 A
Inrush current max.	23 A @ 230 V
Efficiency	91,7 % @ 110 V AC, 94,1 % @ 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	20 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	85 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
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	AS-i -
PIN 2	AS-i -
PIN 3	AS-i +
PIN 4	AS-i +