MURR ELEKTRONIK
stay connected

EMPARRO HD POWER SUPPLY 1-PHASE,

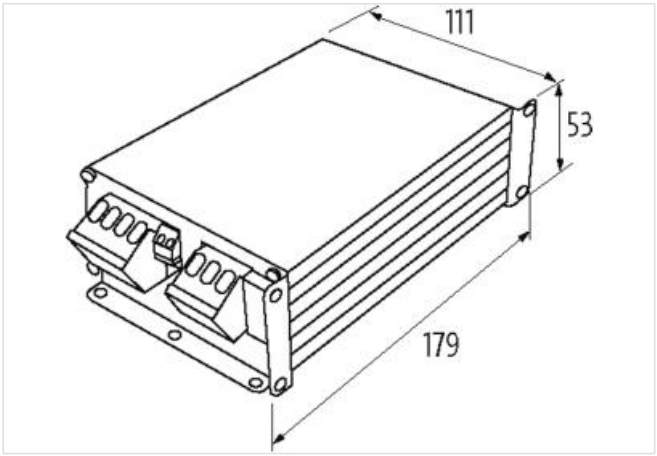
IN: 100-240VAC OUT: 24-28VDC/10A

INPUT: 90...265 V AC/90...370 V DC
OUTPUT: 24 V DC
Current: 10 A
Protection IP20
rugged design

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	4048879641111
Packaging unit	1

Electrical data

Number of devices parallel connection max.	3
Number of devices series connection max.	2
Parallel connection	yes
Series connection	yes
Security level	SELV

Electrical data | Supply

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Power frequency	50 ... 60 Hz
Electrical data | Input	
Fuse protection primary side internal	6,3 A
Characteristic back-up fuse	Inertia
Input voltage 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.	370 V
Current input AC	1,2 A
Inrush current max.	7 A @ 240 V
Efficiency	93,5 % @ 115 V AC, 94,2 % @ 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	10 A
Duration Power Boost min.	5 s
Mains failure bridging min.	35 ms @ 100 V AC
Power Boost	150 %
Ripple effective max.	30 mV
Spikes (s-s) max.	300 mV
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Short-circuit protection output	yes
Overload protection output	yes
Mechanical data | Mounting data	
Suitable for mounting type	6 hole screw mounting
Height	179 mm
Width	111 mm
Depth	53 mm
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	80 °C
Derating from	50 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation
Technical Data | Reliability	
MTBF	1000000 h
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

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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 DC -
PIN 3	L DC +
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	-

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