EMPARRO HD POWER SUPPLY 1-PHASE,

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

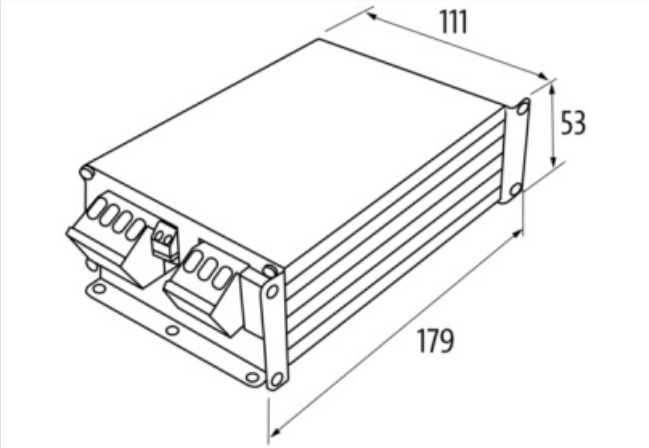
Art.No.: 85449
Weight: 1,487 kg
Country of origin: CZ
Model designation: Emparro HD 10-100-240/24

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

URL Webshop	https://shop.murrelektronik.com/85449
GTIN	4048879641111
EU-Customs tariff number	85044095
US-Customs tariff number	8504409580
ECLASS-6.0	27049002
ECLASS-6.1	27049002
ECLASS-7.0	27049002
ECLASS-7.1	27049002
ECLASS-8.0	27049002
ECLASS-8.1	27049002
ECLASS-9.0	27040701
ECLASS-9.1	27040701
ECLASS-10.0.1	27040701
ECLASS-10.1	27040701
ECLASS-11.0	27040701
ECLASS-11.1	27040701

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ECLASS-12.0	27040701
ECLASS-13.0	27040701
ECLASS-14.0	27040701
ETIM-5.0	EC002540
ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
ETIM-9.0	EC002540
ETIM-10.0	EC002540
customs tariff number	85044095
EAN	4048879641111
Packaging unit	1
Electrical data	
Parallel connection	Yes
Number of devices parallel connection max.	3
Series connection	Yes
Number of devices series connection max.	2
Electrical data | Supply	
Protective measure	SELV
Power frequency	50 ... 60 Hz
Electrical data | Input	
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
Power factor	230 V AC
Efficiency	93.5 % @ 115 V AC 94.2 % @ 230 V AC
Characteristic back-up fuse	Inertia
Fuse protection primary side internal	6.3 A
Electrical data | Output	
Output voltage adjustable	Yes
Output voltage DC	24 V
Output voltage DC min.	24 V
Output voltage DC max.	28 V
Output current	10 A
Mains failure bridging min.	35 ms @ 100 V AC
Power Boost	150 %
Duration Power Boost min.	5 s
Spikes (s-s) max.	300 mV
Ripple effective max.	30 mV
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Overload protection output	Yes
Short-circuit protection output	Yes
Mechanical data | Mounting data	
Height	179 mm
Width	111 mm
Depth	53 mm
Suitable for mounting type	6 hole screw mounting

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Environmental characteristics | Electromagnetic compatibility	
Interference emission	IEC/EN 55022, IEC 61000-3-2
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	80 °C
Derating	50 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	5 % … 95 %
Additional condition relative humidity	no condensation
Technical Data | Reliability	
MTBF (EN/IEC 61709, EN ISO 13849-1, SN 29500)	1000000 h
Conformity	
Product standard	EN IEC 61010-2-201, EN 61204-3
Connection type 3-3	
Connection type 1	Alarm
Connection type 2	Input
Connection type 3	Output
Family construction form	terminal
No. of poles	2
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	13
PIN 2	14
Family construction form	terminal
No. of poles	3
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	PE
PIN 2	N DC -
PIN 3	L DC +
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	+
PIN 2	+
PIN 3	-
PIN 4	-

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