

**EMPARRO POWER SUPPLY 1-PHASE,**

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

Art.No.: 85441

Weight: 0.850 kg

Country of origin: CZ

Model designation: Emparro 10-100-240/24

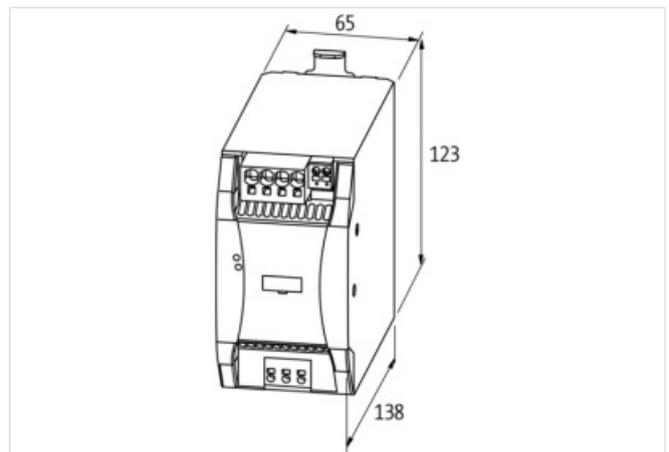
INPUT: 85...265 V AC/90...250 V DC

OUTPUT: 24...28 V DC

Current: 10 A

**[Link to Product](#)****Illustration**

Product may differ from Image

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/85441">https://shop.murrelektronik.com/85441</a>
GTIN	4048879381499
Customs tariff number	85044095
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
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
customs tariff number	85044095
EAN	4048879381499
Packaging unit	1
<b>Electrical data</b>	
Parallel connection	Yes
Number of devices parallel connection max.	5
Series connection	Yes
Number of devices series connection max.	2
<b>Electrical data   Supply</b>	
Protective measure	SELV
Power frequency	50 ... 60 Hz
<b>Electrical data   Input</b>	
Input voltage AC min.	85 V
Input voltage AC max.	265 V
Nominal input voltage AC	100 V ... 240 V
Input voltage DC min.	90 V
Input voltage DC max.	250 V
Nominal current AC	2.6 A @ 100 V, 1.1 A @ 240 V
Inrush current max.	13 A
Power factor	230 V AC
Efficiency	92.8 % @ 110 V AC 94.3 % @ 230 V AC
Characteristic back-up fuse	Inertia
Fuse protection primary side internal	6,3 A
<b>Electrical data   Output</b>	
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.	30 ms @ 100 V AC
Power Boost	150 %
Duration Power Boost min.	4 s
Spikes (s-s) max.	200 mV
Ripple effective max.	50 mV
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP20
Overload protection output	Yes
Short-circuit protection output	Yes
<b>Mechanical data   Mounting data</b>	
Height	123 mm
Width	65 mm
Depth	138 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
<b>Environmental characteristics   Electromagnetic compatibility</b>	
Interference emission	EN IEC 55011, IEC 61000-3-2
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-40 °C

Operating temperature max.	60 °C
Derating	45 °C
Ambient temperature (storage, transport)	-40 °C ... 80 °C
Relative humidity (operation)	5 % ... 95 %
Additional condition relative humidity	no condensation

#### Conformity

Product standard	EN IEC 61010-2-201, EN 61204-3
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#### Approvals

SEMI F47	compliant
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#### Connection type 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
PIN 3	L
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	+