

EMPARRO POWER SUPPLY 1-PHASE,

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

Art.No.: 85440

Weight: 0.660 kg

Country of origin: CZ

Model designation: Emparro 5-100-240/24

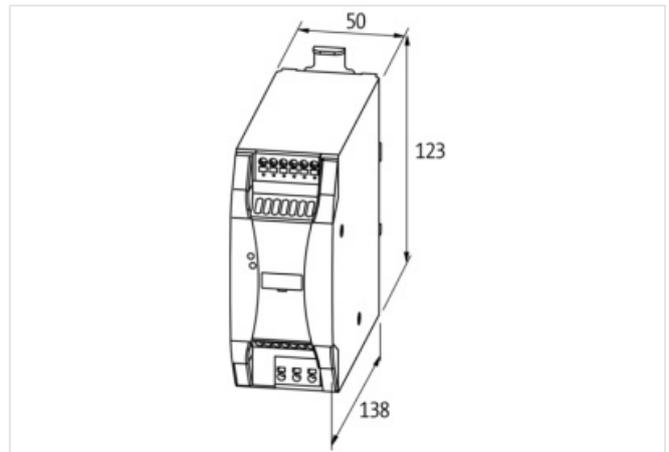
INPUT: 85...265 V AC/90...250 V DC

OUTPUT: 24...28 V DC

Current: 5 A

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

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/85440
GTIN	4048879402903
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	4048879402903
Packaging unit	1
Electrical data	
Parallel connection	Yes
Number of devices parallel connection max.	5
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 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	1.3 A @ 100 V, 0.61 A @ 240 V
Inrush current max.	5.5 A @ 230 V
Power factor	230 V AC
Efficiency	92.7 % @ 110 V AC 94.5 % @ 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	5 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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Overload protection output	Yes
Short-circuit protection output	Yes
Mechanical data Mounting data	
Height	123 mm
Width	50 mm
Depth	138 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Environmental characteristics Electromagnetic compatibility	
Interference emission	EN IEC 55011, IEC 61000-3-2
Environmental characteristics Climatic	
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	+