

Emparro Power Supply 3-PHASE

IN: 360 - 500VAC OUT: 24-28V/5ADC

Art.No.: 85690

Weight: 0.625

Country of origin: CZ

Model designation: Emparro 5-3x360-500/24

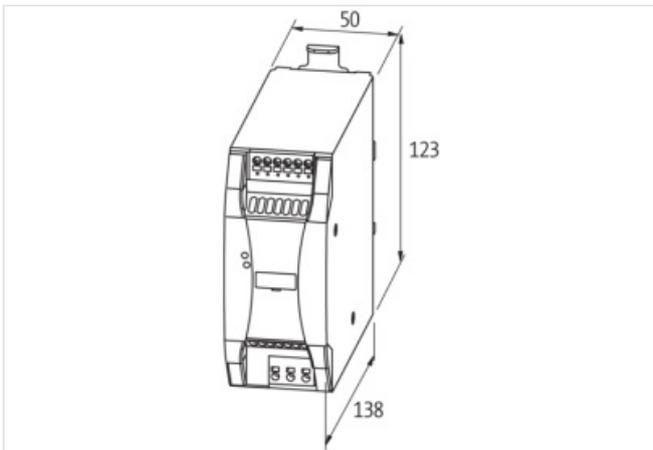
INPUT: 3× 324...572 V AC / 450...745 V DC

OUTPUT: 24...28 V DC

Current: 5 A

Link to Product

Illustration



Product may differ from Image



Header

Material short text Emparro 5-3x360-500/24

Commercial data

URL Webshop	https://shop.murrelektronik.com/85690
GTIN	4048879538534
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	4048879538534
Packaging unit	1

Electrical data

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

Electrical data | Supply

Power frequency	50 ... 60 Hz
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Electrical data | Input

Phase number input	3
Input voltage AC min.	324 V
Input voltage AC max.	572 V
Nominal input voltage AC	3 × 360 V
Input voltage DC min.	450 V
Input voltage DC max.	745 V
Nominal current AC	3 × 0.45 A @ 360 V , 0.3 A @ 500 V
Inrush current max.	9.5 A @ 500 V
Power factor	3× 400 V AC
Efficiency	92.5 % @ 3× 400 V AC 91.8 % @ 3× 480 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	6 A
Mains failure bridging min.	25 ms @ 3× 360 V AC
Power Boost	150 %
Duration Power Boost min.	5 s
Spikes (s-s) max.	50 mV
Ripple effective max.	20 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	143 mm
Width	50 mm
Depth	138 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	70 °C
Derating from	45 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation

Conformity

Product standard	EN IEC 61010-2-201
EMC	EN 55011 B, EN 61000-3-2
Low Voltage Directive	EN 61204-3

Approvals

SEMI F47	compliant
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Connection type 2

Connection type 1	Input
Connection type 2	Output
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	PE
PIN 2	L 1
PIN 3	L 2
PIN 4	L 3
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	-
PIN 2	-
PIN 3	+
PIN 4	+
PIN 5	13
PIN 6	14