

Emparro Power Supply 3-PHASE

IN: 360 - 500VAC OUT: 24-28V/10ADC

Art.No.: 85691  
Weight: 0.78  
Country of origin: CZ  
Model designation: Emparro 10-3x360-500/24

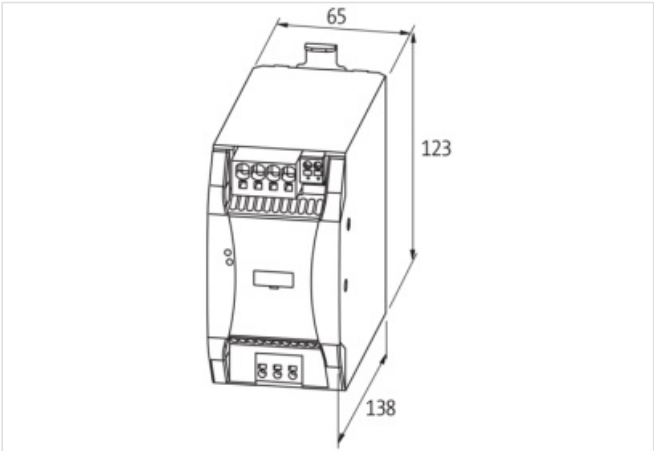
INPUT: 3× 324...572 V AC / 450...745 V DC  
OUTPUT: 24...28 V DC  
Current: 10 A

Link to Product

Illustration



Product may differ from Image



Header

Material short text                      Emparro 10-3x360-500/24

Commercial data

URL Webshop	https://shop.murrelektronik.com/85691
GTIN	4048879538558
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	4048879538558
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
Input voltage 1 AC	360 V
Input voltage 2 AC	500 V
Input voltage DC min.	450 V
Input voltage DC max.	745 V
Input current at input voltage 1 AC	0.75 A
Input current at input voltage 2 AC	0.55 A
Inrush current max.	9 A @ 500 V
Power factor	3× 500 V AC
Efficiency	93.7 % @ 3× 400 V AC 93.2 % @ 3× 480 V AC
Characteristic back-up fuse	Inertia
Fuse protection primary side internal	63 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	12 A
Mains failure bridging min.	45 ms @ 3× 500 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	65 mm
Depth	143 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	70 °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	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 3**

Connection type 1	Alarm
Connection type 2	Input
Connection type 3	Input / 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	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	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	-
PIN 2	-
PIN 3	+
PIN 4	+