

## Emparro Power Supply 3-PHASE

IN: 360 - 500VAC OUT: 24-28V/40ADC

Art.No.: 85693

Weight: 2.732

Country of origin: CZ

Model designation: Emparro 40-3x360-500/24

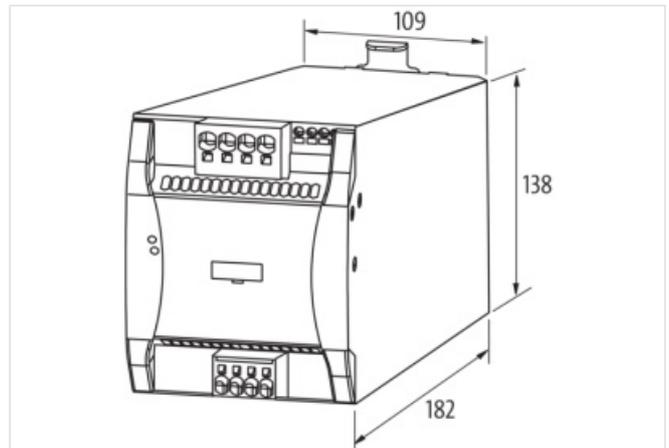
INPUT: 3 × 324...572 V AC / 480...745 V DC

OUTPUT: 24...28 V DC

Current: 40 A

### Link to Product

#### Illustration



Product may differ from Image



#### Header

Material short text Emparro 40-3x360-500/24

#### Commercial data

URL Webshop	<a href="https://shop.murrelektronik.com/85693">https://shop.murrelektronik.com/85693</a>
GTIN	4048879538657
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	4048879538657
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.	480 V
Input voltage DC max.	745 V
Nominal current AC	3 × 2.3 A @ 360 V , 1.6 A @ 500 V
Inrush current max.	14 A @ 500 V
Power factor	3× 500 V AC
Efficiency	93.7 % @ 3× 400 V AC 93.5 % @ 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	48 A
Mains failure bridging min.	40 ms @ 3× 500 V AC
Power Boost	150 %
Duration Power Boost min.	5 s
Spikes (s-s) max.	90 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	138 mm
Width	109 mm
Depth	182 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 3

Connection type 1	Alarm / Pro-Diag
Connection type 2	Input
Connection type 3	Input / Output
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	13
PIN 2	14
PIN 3	23
PIN 4	24
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	+