

## Power Supply Emparro20-Advanced-3-phase

IN: 3x342 - 575VAC; OUT: 22,5 - 29V/20ADC

Art.No.: 9000-17332-1421110

Weight: 1.05

Country of origin: MY

Model designation: Emparro20-Advanced-3-480-24

### Link to Product



#### Header

Material short text Emparro20-Advanced-3-480-24

#### Commercial data

URL Webshop	<a href="https://shop.murrelektronik.com/9000-17332-1421110">https://shop.murrelektronik.com/9000-17332-1421110</a>
GTIN	4065909055687
ECLASS-6.0	27049002
ECLASS-6.1	27049002
ECLASS-7.0	27049002
ECLASS-8.0	27049002
ECLASS-9.0	27040701
ECLASS-10.1	27040701
ECLASS-11.1	27040701
ECLASS-12.0	27040701
ETIM-5.0	EC002540
ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
customs tariff number	85044083
EAN	4065909055687
Packaging unit	1

#### Electrical data

Security level	SELV/PELV
Parallel connection	yes
Number of devices parallel connection max.	3
Series connection	yes
Number of devices series connection max.	20

#### Electrical data | Supply

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

Phase number input	3
Input voltage AC min.	342 V
Input voltage AC max.	575 V
Input voltage 1 AC	400 V
Input voltage 2 AC	500 V
Input current at input voltage 1 AC	0.8 A
Input current at input voltage 2 AC	0.65 A
Power factor	400 V AC 500 V AC
Efficiency	95.1 % @ 400 V AC 94.9 % @ 500 V AC

Electrical data   Output	
Output voltage adjustable	yes
Output voltage DC	24 V
Output voltage DC min.	22.5 V
Output voltage DC max.	29 V
Output current	20 A
Output rating	480 W
Mains failure bridging time	25 ms
Power Boost	150 %
Duration Power Boost min.	5 s
Spikes (s-s) max.	70 mV
Ripple (s-s) max.	35 mV
Diagnostics	
Alarm contact	yes
Installation   Connection	
Connection	Push-In spring clamp terminals
Device protection   Electrical	
Installation height max. ASL	3,000 m
Degree of protection (EN IEC 60529)	IP20
Protection class (EN IEC 61140)	I
Pollution Degree	2
Overload protection output	yes
Short-circuit protection output	yes
Overtemperature protection output	yes
Device protection   Mechanical	
Cooling type	Natural convection
Mechanical data   Material data	
Material housing	Aluminum
Combustibility class housing (UL94)	V-0
Conformal coated PCB	no
Mechanical data   Mounting data	
Net weight	1,050 g
Height	135.7 mm
Width	65 mm
Depth	159.3 mm
mounting position	horizontal, vertical
Mounting method	geschnappt
Suitable for mounting type	Tragschiene TH35-7.5/TH35-15
Environmental characteristics   Electromagnetic compatibility	
Electrostatic discharge immunity test (IEC 61000-4-2)	Criteria A
Radiated, radio-frequency, electromagnetic fields (IEC 61000-4-3)	Criteria A
Electrical fast transient/burst immunity test (IEC 61000-4-4)	Criteria A
Surge immunity test (IEC 61000-4-5)	Criteria A
Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6)	Criteria A
Environmental characteristics   Climatic	
Ambient temperature min.	-25 °C
Ambient temperature max.	70 °C
Storage temperature min.	-40 °C

Storage temperature max.	85 °C
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Relative humidity max. (operation)	95 %
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**Environmental product conformity**

REACH	(EC) No 1907/2006
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REACH-SVHC	compliant
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RoHS	2011/65/EU
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WEEE	compliant
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Halogen-free-Material	JEDEC JS709A
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Pb-free-Material	JESD97
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**Conformity**

CE	2014/30/EU
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EMC	IEC/EN 61000-6-2, IEC/EN 61000-6-3 + A1 (2011) / AC
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**Approvals**

UL	E200364
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ULc	E200364
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SEMI F47	compliant
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