

Power Supply Emparro20-Advanced-3-phase

IN: 3x342 - 575VAC; OUT: 45 - 56V/20ADC

Art.No.: 9000-17333-1421110

Weight: 1.75

Country of origin: MY

Model designation: Emparro20-Advanced-3-960-48

[Link to Product](#)

Illustration



Product may differ from Image



Header

Material short text Emparro20-Advanced-3-960-48

Commercial data

URL Webshop	https://shop.murrelektronik.com/9000-17333-1421110
GTIN	4065909055281
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	4065909055281
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 | Input

Phase number input	3
Input voltage AC min.	342 V
Input voltage AC max.	575 V
Nominal input voltage AC	3 × 380 V
Input voltage DC min.	450,5 V
Input voltage DC max.	810 V
Nominal input voltage DC	530 V
Nominal current AC	3 × 1.6 A @ 380 V , 1.3 A @ 500 V
Nominal current DC	530 V , 675 V
Power factor	400 V AC 500 V AC
Efficiency	95.9 % @ 400 V AC 95.8 % @ 500 V AC

Electrical data | Output

Output voltage DC	48 V
Output voltage DC min.	45 V
Output voltage DC max.	56 V
Output current	21,3 A
Output current min.	17,1 A
Output current max.	21,3 A
Output rating	960 W
Mains failure bridging time	20 ms
Power Boost	150 %
Duration Power Boost max.	5 s
Spikes (s-s) max.	100 mV
Ripple (s-s) max.	40 mV

Diagnostics

Alarm contact	Yes
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Installation | Connection

Connection	Push-In spring clamp terminals
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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
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Mechanical data | Material data

Material housing	Aluminum
Combustibility class housing (UL94)	V-0
Conformal coated PCB	No

Mechanical data | Mounting data

Net weight	1.750 g
Height	129 mm
Width	100 mm

Depth	171,9 mm
mounting position	horizontal, vertical
Mounting method	geschnappt
Suitable for mounting type	Tragschiene TH35-7.5/TH35-15

Environmental characteristics | Climatic

Ambient temperature (operation)	-25 °C
Ambient temperature (storage, transport)	-40 °C
Relative humidity (operation)	95 %
Additional condition relative humidity	no condensation

Environmental product conformity

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

Conformity

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

Approvals

UL	E200364
SEMI F47	compliant