Power Supply Emparro20-Advanced-3-phase

IN: 3x342 - 575VAC; OUT: 45 - 56V/10ADC

Art.No.: 9000-17333-1221110
Weight: 1,050 kg
Country of origin: MY
Model designation: Emparro20-Advanced-3-480-48

[Link to Product]

Illustration



Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/9000-17333-1221110
GTIN	4065909055250
EU-Customs tariff number	85044083
US-Customs tariff number	8504409550
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-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

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14

ETIM-8.0	EC002540
ETIM-10.0	EC002540
customs tariff number	85044083
EAN	4065909055250
Packaging unit	1
Electrical data	
Parallel connection	Yes
Number of devices parallel connection max.	3
Series connection	Yes
Number of devices series connection max.	20
Electrical data | Supply	
Protective measure	SELV/PELV
Power frequency	50/60 Hz
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 … 500 V
Input voltage DC min.	450.5 V
Input voltage DC max.	810 V
Nominal input voltage DC	530 V … 675 V
Nominal current AC	3 × 0.8 A @ 380 V,0.65 A @ 500 V
Nominal current DC	530 V @ 675 V
Power factor	400 V AC @ 500 V AC
Efficiency	95.3 % @ 400 V AC 95.1 % @ 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	10.6 A
Output current min.	8.6 A
Output current	10.6 A
Output rating	480 W
Mains failure bridging time	25 ms
Power Boost	150 %
Duration Power Boost max.	5 s
Spikes (s-s) max.	120 mV
Ripple (s-s) max.	50 mV
Diagnostics	
Alarm contact	Yes
Installation | Connection	
Connection	Push-In spring clamp terminals
Device protection | Electrical	
Installation height max. ASL	3000 m
Degree of protection (EN IEC 60529)	IP20
Protection class (EN IEC 61140)	I
Invers-polarity protection	No
Pollution Degree	2
Overload protection output	Yes
Short-circuit protection output	Yes
Overtemperature protection output	Yes
Device protection | Mechanical	

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14

Shock resistance (EN IEC 60068-2-27)	30 g 11 ms 3 x (X-, Y-, Z-axis)
Vibration resistance (EN IEC 60068-2-6)	2 g (10 ... 500 Hz), 1 h / direction (X-, Y-, Z-axis)
Cooling type	Natural convection
Mechanical data | Material data	
housing	Aluminum
Combustibility class housing (UL94)	V-0
Conformal coated PCB	No
Mechanical data | Mounting data	
Net weight	1050 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	
Interference emission	EN IEC 61000-6-3
Immunity to interference	EN IEC 61000-6-2
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 (operation)	-25 °C … 70 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	95 %
Additional condition relative humidity	no condensation
Environmental product conformity	
REACH ((EC) 1907/2006)	compliant
RoHS (2011/65/EU, (EU) 2015/863)	compliant
RoHS-Exemption (2011/65/EU)	keine RoHS-Ausnahme
China RoHS (SJ/T 11364, GB/T 26572)	EFUP-25
WEEE (2012/19/EU)	compliant
Halogen content	halogen-free, JEDEC/ECA JS709
Lead-free	JEDEC JESD97
Conformity	
CE	2014/30/EU
Approvals	
UL Listed (US, CA)	E200364
SEMI F47	compliant

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14