Power Supply Emparro20-Advanced-3-phase

IN: 3x342 - 575VAC; OUT: 45 - 56V/5ADC

Art.No.: 9000-17333-0921110
Weight: 0,660 kg
Country of origin: MY
Model designation: Emparro20-Advanced-3-240-48

Link to Product

Illustration



Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/9000-17333-0921110
GTIN	4065909055670
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-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

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ETIM-7.0	EC002540
ETIM-8.0	EC002540
ETIM-10.0	EC002540
customs tariff number	85044083
EAN	4065909055670
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 × 0.58 A @ 380 V,0.49 A @ 500 V
Nominal current DC	530 V @ 675 V
Power factor	400 V AC @ 500 V AC
Efficiency	93.8 % @ 400 V AC 94 % @ 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 min.	4.2 A
Output current	5.3 A
Output rating	240 W
Mains failure bridging min.	20 ms @ 400 V AC
Mains failure bridging max.	40 ms @ 500 V AC
Power Boost	150 %
Duration Power Boost min.	5 s
Spikes (s-s) max.	80 mV
Ripple (s-s) max.	20 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
Pollution Degree	2
Overload protection output	Yes
Short-circuit protection output	Yes
Overtemperature protection output	Yes

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Device protection | Mechanical	
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	780 g
Height	129 mm
Width	55 mm
Depth	138.2 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
Surge immunity test (IEC 61000-4-5)	Criteria A
Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6)	Criteria A
Power frequency magnetic field (IEC 61000-4-8)	Criteria A
Environmental characteristics | Climatic	
Ambient temperature (operation)	-25 °C … 70 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	95 %
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
Connection type 3-3	
Connection type 1	Alarm
Connection type 2	Input
Connection type 3	Output
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK

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PIN 1	13 3.1
PIN 2	14 3.2
PIN 3	Inhibit + 3.3
PIN 4	Inhibit - 3.4
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	L 1 1.1
PIN 2	L 2 1.2
PIN 3	L 3 1.3
PIN 4	PE 1.4
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	2.1
PIN 2	2.2
PIN 3	2.3
PIN 4	2.4

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