Emparro 20-3x360-500/24 S

Screw mounting

Art.No.: 85697
Weight: 1,200 kg
Country of origin: CZ
Model designation: Emparro 20-3x360-500/24 S

INPUT: 3× 324...572 V AC / 450...745 V DC
OUTPUT: 24...28 V DC
Current: 20 A

Link to Product

Illustration



Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/85697
GTIN	4048879669023
EU-Customs tariff number	85044095
US-Customs tariff number	8504409580
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

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ECLASS-14.0	27040701
ETIM-5.0	EC002540
ETIM-6.0	EC002540
ETIM-7.0	EC002540
ETIM-8.0	EC002540
ETIM-9.0	EC002540
ETIM-10.0	EC002540
customs tariff number	85044095
EAN	4048879669023
Packaging unit	1
Electrical data	
Parallel connection	Yes
Number of devices parallel connection max.	3
Series connection	Yes
Number of devices series connection max.	3
Electrical data | Supply	
Protective measure	SELV
Power frequency	50 ... 60 Hz
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 … 500 V
Input voltage DC min.	450 V
Input voltage DC max.	745 V
Nominal current AC	3 × 1.3 A @ 360 V,1 A @ 500 V
Inrush current max.	13 A @ 500 V
Power factor	3× 500 V AC
Efficiency	94.8 % @ 3× 400 V AC 94.5 % @ 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	24 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	143 mm
Width	65 mm
Depth	167 mm
Suitable for mounting type	4 hole screw mounting
Environmental characteristics | Electromagnetic compatibility	

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Interference emission	EN IEC 55011, IEC 61000-3-2
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	70 °C
Derating	45 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	5 % … 95 %
Additional condition relative humidity	no condensation
Conformity	
Product standard	EN IEC 61010-2-201, EN 61204-3
Approvals	
SEMI F47	compliant
Connection type 3-3	
Connection type 1	Alarm
Connection type 2	Input
Connection type 3	Input / Output
Family construction form	terminal
No. of poles	2
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	13
PIN 2	14
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	+

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