MURR ELEKTRONIK
stay connected

Emparro 20-3x360-500/24 S

Screw mounting

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

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
customs tariff number	85044095
GTIN	4048879669023
Packaging unit	1

Electrical data

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

Electrical data | Supply

Power frequency	50 ... 60 Hz

Electrical data | Input

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: 2024-03-29

MURR ELEKTRONIK
stay connected

Fuse protection primary side internal	6,3 A
Characteristic back-up fuse	Inertia
Input voltage 1 AC	360 V
Input voltage 2 AC	500 V
Input voltage AC min.	324 V
Input voltage AC max.	572 V
Input voltage DC min.	450 V
Input voltage DC max.	745 V
Input current at input voltage 1 AC	1,3 A
Input current at input voltage 2 AC	1 A
Inrush current max.	13 A @ 500 V
Phase number input	3
Efficiency	94,8 % @ 3× 400 V AC, 94,5 % @ 3× 480 V AC
Electrical data | Output	
Output voltage DC	24 V
Output voltage DC min.	24 V
Output voltage DC max.	28 V
Output voltage adjustable	yes
Output current	24 A
Duration Power Boost min.	5 s
Mains failure bridging min.	40 ms @ 3× 500 V AC
Power Boost	150 %
Ripple effective max.	20 mV
Spikes (s-s) max.	90 mV
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Short-circuit protection output	yes
Overload protection output	yes
Mechanical data | Mounting data	
Suitable for mounting type	4 hole screw mounting
Height	143 mm
Width	65 mm
Depth	167 mm
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	70 °C
Derating from	45 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation
Approvals	
SEMI F47	compliant
Connection type 3	
Connection type 1	Alarm
Connection type 2	Input
Connection type 3	Input / Output
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	2

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: 2024-03-29

PIN 1	13
PIN 2	14
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	PE
PIN 2	L 1
PIN 3	L 2
PIN 4	L 3
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	-
PIN 2	-
PIN 3	+
PIN 4	+

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: 2024-03-29