

Emparro AS-Interface (AS-i) Power Supply 3-PHASE,

IN: 360 - 500VAC OUT: 30-32V/4ADC

INPUT: 3× 324...572 V AC / 450...745 V DC
OUTPUT: 30...32 V DC
Current: 4 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	4048879627627
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
Electrical data Supply	
Power frequency	50 ... 60 Hz
Electrical data Input	

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	0,45 A
Input current at input voltage 2 AC	0,3 A
Inrush current max.	9,5 A @ 500 V
Phase number input	3
Efficiency	92,5 % @ 3× 400 V AC, 91,8 % @ 3× 480 V AC

Electrical data | Output

Output voltage DC	30,5 V
Output voltage DC min.	30 V
Output voltage DC max.	32 V
Output voltage adjustable	yes
Output current	4,8 A
Duration Power Boost min.	5 s
Mains failure bridging min.	20 ms @ 3× 360 V AC
Power Boost	150 %
Ripple effective max.	20 mV
Spikes (s-s) max.	50 mV

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Overload protection output	yes
Short-circuit protection output	yes

Mechanical data | Mounting data

Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Height	143 mm
Width	50 mm
Depth	143 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	70 °C
Derating from	70 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	5 %
Relative humidity max. (operation)	95 % no condensation

Conformity

Product standard	IEC 61010-2-201
EMC	EN 61000-3-2
Low Voltage Directive	EN 61204-3

Approvals

SEMI F47	compliant
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Connection type 2

Connection type 1	Input
Connection type 2	Output

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	6
PIN 1	AS-i -
PIN 2	AS-i -
PIN 3	0 V
PIN 4	AS-i +
PIN 5	13
PIN 6	14