

Emparro IP67 POWER SUPPLY 1-PHASE

OUT: 24VDC 3,8A - 7/8" 4P NEC - PELV

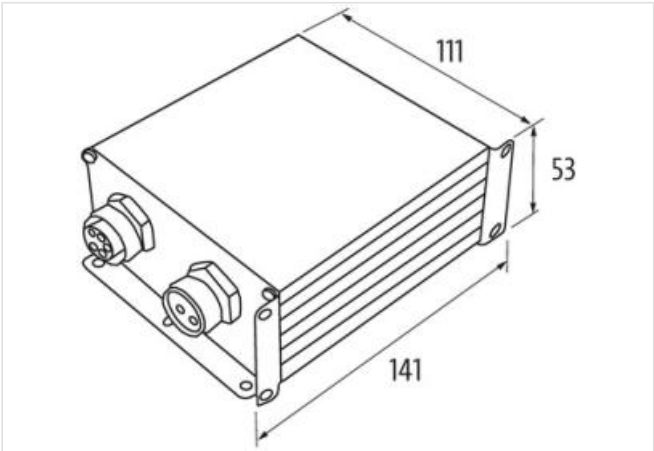
Emparro®67
INPUT: 90...265 V AC/90...372 V DC
OUTPUT: 24 V DC (PELV), ±2%
Current: 3.8 A
NEC Class 2

Link to Product

Illustration



Product may differ from Image



Commercial data

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
customs tariff number	85044095
GTIN	4048879799102
Packaging unit	1

Electrical data

Security level	SELV
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Electrical data | Supply

Power frequency	50 ... 60 Hz
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Electrical data | Input

Fuse protection primary side internal	6,3 A
Characteristic back-up fuse	Inertia
Input voltage 1 AC	100 V
Input voltage 2 AC	240 V

Input voltage AC min.	90 V
Input voltage AC max.	265 V
Input voltage DC min.	90 V
Input voltage DC max.	372 V
Input current at input voltage 1 AC	1,1 A
Input current at input voltage 2 AC	0,5 A
Inrush current max.	8,9 A @ 230 V
Efficiency	91,4 % @ 115 V AC, 92,1 % @ 230 V AC

Electrical data | Output

Output voltage DC	24 V
Output voltage DC min.	23,52 V
Output voltage DC max.	24,48 V
Output voltage adjustable	no
Output current	3,8 A
Mains failure bridging min.	80 ms @ 230 V AC
Ripple effective max.	15 mV
Spikes (s-s) max.	130 mV

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
Overload protection output	yes
Short-circuit protection output	yes
Overtemperature protection output	yes

Mechanical data | Mounting data

Suitable for mounting type	6 hole screw mounting
Height	53 mm
Width	111 mm
Depth	141 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	85 °C
Derating from	60 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Relative humidity min. (operation)	4 %
Relative humidity max. (operation)	100 %

Approvals

SEMI F47	compliant
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Connection type 1

Connection type 1	Output
Family construction form	7/8"
Gender	female
Color contact carrier	black
No. of poles	4
PIN 1	24 V DC
PIN 2	24 V DC
PIN 3	0 V PE
PIN 4	0 V PE