

Emparro IP67 POWER SUPPLY 1-PHASE

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

Art.No.: 9000-11112-1862020

Weight: 1.22

Country of origin: CZ

Model designation: Emparro67 3.8-100-240/24 NEC2 7/8" 4-P

Emparro®67

INPUT: 90...265 V AC/90...372 V DC

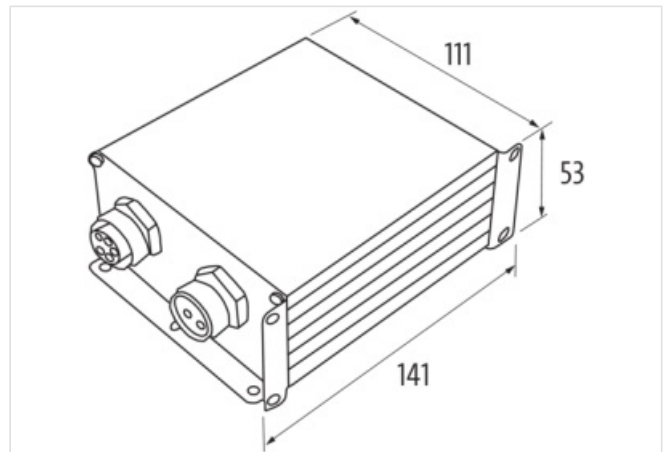
OUTPUT: 24 V DC (PELV), $\pm 2\%$

Current: 3.8 A

NEC Class 2

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text Emparro67 3.8-100-240/24 NEC2 7/8" 4-P

Commercial data

URL Webshop	https://shop.murrelektronik.com/9000-11112-1862020
GTIN	4048879799102
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
customs tariff number	85044095
EAN	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

Input voltage AC min.	90 V
Input voltage AC max.	265 V
Input voltage 1 AC	100 V
Input voltage 2 AC	240 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
Power factor	230 V AC
Efficiency	91.4 % @ 115 V AC 92.1 % @ 230 V AC
Characteristic back-up fuse	Inertia
Fuse protection primary side internal	6.3 A

Electrical data | Output

Output voltage adjustable	no
Output voltage DC	24 V
Output voltage DC min.	23.52 V
Output voltage DC max.	24.48 V
Output current	3.8 A
Mains failure bridging min.	80 ms @ 230 V AC
Spikes (s-s) max.	130 mV
Ripple effective max.	15 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

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

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 %

Conformity

Product standard	IEC 61010-2-201
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EMC	EN 55011 B, EN 61000-3-2
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Low Voltage Directive	EN 61204-3
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Approvals

SEMI F47	compliant
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Connection type 1

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