Emparro67-Standard-1-90-24

Out: 24V DC 3.75A

Art.No.: 9000-10112-0605010
Weight: 0,623 kg
Country of origin: CN
Model designation: Emparro67-Standard-1-90-24

The Emparro67-Standard is a robust single-phase power supply built to meet the demands of industrial environments. It ensures stable and reliable power delivery for a wide range of applications. The compact design allows easy integration into new or existing Applications.

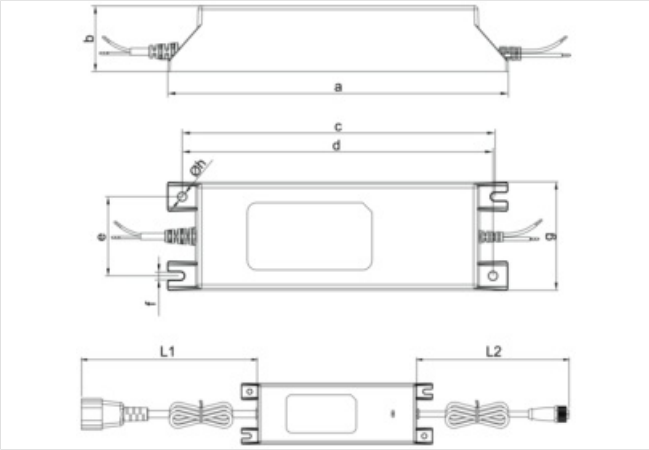
INPUT: 90…264 V AC
OUTPUT: 24 VDC
Current: 3.75 A

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Link to Product

Illustration





Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/9000-10112-0605010
GTIN	4065909202920
EU-Customs tariff number	85044083
US-Customs tariff number	8504409550
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-10.1	27040701
ECLASS-11.1	27040701

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ECLASS-12.0	27040701
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	85044083
EAN	4065909202920
Packaging unit	1
Electrical data | Supply	
Power frequency	50 ... 60 Hz
Electrical data | Input	
Voltage type input	AC
Phase number input	1
Input voltage AC min.	85 V
Input voltage AC max.	264 V
Nominal input voltage AC	1 × 100 V … 240 V
Current input AC	1.9 A
Duration inrush current max.	3 ms
Inrush current max.	140 A @ 230 V
Leakage current max.	0.7 mA
Idle power loss standby	0.21 W
Efficiency	89 % @ 230 V AC
Electrical data | Output	
Voltage type	DC
Output voltage adjustable	Yes
Output voltage DC	24 V
Output voltage DC min.	22.8 V
Output voltage DC max.	25.2 V
Output current	3.75 A
Output rating	90 W
Mains failure bridging min.	60 ms @ 230 V DC
Switch on delay max.	2 ms
Start-up time	max. 30 ms
Device protection | Electrical	
Installation height max. ASL	3000 m
Additional condition overload protection	110 … 140 %, Hiccup mode, recovers automatically after faultcondition is removed
Pollution Degree	3
Over voltage protection	Yes
Overload protection	Yes
Short-circuit protection	Yes
Overtemperature protection output	Yes
Insulation resistance min.	100 MΩ
Device protection | Mechanical	
Shock resistance (EN IEC 60068-2-27)	30 g 11 ms 3 x (X-, Y-, Z-axis)
Vibration resistance (EN IEC 60068-2-6)	2 g (10 ... 500 Hz), XYZ-Axis
Mechanical data | Material data	
housing	ABS, PC
Combustibility class housing (UL94)	V-0
Color housing	black

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Mechanical data | Mounting data	
Net weight	670 g
Height	178 mm
Width	55 mm
Depth	34 mm
mounting position	horizontal, vertical, random
Mounting method	M4 Screw
Environmental characteristics | Electromagnetic compatibility	
Interference emission	EN IEC 61000-6-4
Immunity to interference	EN IEC 61000-6-2
Environmental characteristics | Climatic	
Ambient temperature (operation)	-30 °C … 70 °C
Derating	min. 40 °C
Ambient temperature (storage, transport)	-40 °C … 85 °C
Relative humidity (operation)	20 % … 95 %
Additional condition relative humidity	72 h, full load, Normal Operation
Assembly location	Interior
Technical Data | Reliability	
MTBF (EN/IEC 61709, EN ISO 13849-1, SN 29500)	396560 h @ 25 °C
Environmental product conformity	
REACH ((EC) 1907/2006)	compliant
REACH SVHC ((EC) 1907/2006)	Lead (Pb) CAS 7439-92-1
RoHS (2011/65/EU, (EU) 2015/863)	compliant
RoHS-Exemption (2011/65/EU)	7(a)
China RoHS (SJ/T 11364, GB/T 26572)	EFUP-20
California Proposition 65	Lead (Pb) CAS 7439-92-1
WEEE (2012/19/EU)	Category 5
Halogen content	not halogen-free
Lead-free	No
Date of evaluation	2026-01
Conformity	
Product standard	EN IEC 61000-6-2, EN IEC 61000-6-4, EN/IEC 61010-1, EN IEC 61010-2-201
CE	2014/35/EU, 2014/30/EU, (EU) 2015/863
UKCA	The Electromagnetic Compatibility Regulations 2016, The Electrical Equipment (Safety) Regulations 2016, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
Approvals	
UL Listed (US, CA)	E200364
FCC	Yes
Connection type 2-2	
Family construction form	M12
No. of poles	2
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC
PIN 3	0 V
Family construction form	C14
No. of poles	3
Gender	male
PIN 1	L

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PIN 2	PE
PIN 3	N

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