

Product No: ML50.102

PULS DIN RAIL POWER SUPPLY 1 PHASE 12VDC 4.2A 50W ML50.102

FEATURES

- 100–240V Wide-range input
- Efficiency up to 90%
- NEC Class 2 listed
- Full output power between -10°C and +60°C
- Quick-connect spring-clamp terminals



General Information

Brand	PULS
Country of Origin	China / Czech Republic
Customs Tariff Number	85044083
E Classification	E-CS01
Product Type	Single-Phase
Range	MiniLine
Series	ML series
Warranty Period (Months)	36

Technical Attributes

AC Input Type	Wide-range
Connection Type	Spring clamps
Derating	1.3 W/°C
Derating Temperature (°C)	> +60
Efficiency	90.00%
External Input Fuse Recommendation	B-10 A / C-6 A
Input Inrush Current (A)	17 / 35
Input Inrush Current Limitation	NTC
Input Voltage Range AC (V)	100–240
Input Voltage Range DC (V)	110–300
Integrated Decoupling Function	No

Maximum Ripple and Noise Voltage (mVpp)	100
Minimum Input Voltage DC (V)	110
Output Current Range (A)	4.2 - 3.4
Output Power (W)	50
Output Voltage (V)	12-15
Power Factor	0.52
Power Loss (W)	6
Rated Current (A)	4.2
Special Application	Hazardous location
Use In Crosslinking	Yes

Physical Attributes

Conformal Coating	No
Mounting Type	DIN Rail

Dimensions

Dimensions (mm)	45W x 75H x 91D
Weight (g)	260

Protection & Standards

Degree of Protection	IP20
Standards and Approvals	Class I Div. 2 Canada - CSA, Class I Div. 2 USA - CSA, EU Declaration of Conformity, IEC 60950 CB Scheme, UL 508 Canada, UL 508 USA, UL 1310 NEC Class 2, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity

Resources

Product catalogue (Flipbook)	Download from here
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