

Product No: ML50.109

PULS DIN RAIL POWER SUPPLY 1 PHASE 24VDC 2.1A 50W ML50.109

FEATURES

- 100–240V Wide-range input
- DC-OK signal output
- Conformally coated
- NEC Class 2 Listed
- Full output power between -10 and +60°C
- Quick-connect spring-clamp terminals



General Information

Brand	PULS
Country of Origin	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
DC-OK Signal	Yes
Derating	1.3 W/°C
Derating Temperature (°C)	> +60
Efficiency	88.40 % / 89%
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 Input Voltage DC (V)	300
Maximum Ripple and Noise Voltage (mVpp)	50

Technical Attributes

Minimum Input Voltage DC (V)	110
Output Current Range (A)	2.1 - 1.8
Output Power (W)	50
Output Voltage (V)	24-28
Power Factor	0.56/ 0.52
Rated Current (A)	2.1
Special Application	Hazardous location, Semiconductor
Use In Crosslinking	Yes

Physical Attributes

Conformal Coating	Yes
Mounting Type	DIN Rail

Dimensions

Dimensions (mm)	45W x 75H x 91D
Weight (g)	240

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, SEMI F47, UL 508 Canada, UL 508 USA, UL 1310 NEC Class 2, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity