

## Product No: ML30.101

### PULS DIN RAIL POWER SUPPLY 1 PHASE 5VDC 5A 25W ML30.101

#### FEATURES

- 100–240V Wide-range input
- Efficiency up to 80%
- NEC Class 2 Listed
- Full output power between -10 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                           | 0.5 W/°C       |
| Derating Temperature (°C)          | > +60          |
| Efficiency                         | 80.00%         |
| 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 Input Voltage DC (V)       | 300            |

|                              |                            |
|------------------------------|----------------------------|
| Minimum Input Voltage DC (V) | 110                        |
| Minimum Output Current (A)   | 5                          |
| Output Power (W)             | 25                         |
| Output Voltage (V)           | 5-5.5                      |
| Power Factor                 | 0.44                       |
| Power Loss (W)               | 6.3                        |
| Rated Current (A)            | 5                          |
| Special Application          | Hazardous location, Marine |
| Use In Crosslinking          | Yes                        |

### Physical Attributes

|                   |          |
|-------------------|----------|
| Conformal Coating | No       |
| 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, Marine DNV, 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) | <a href="#">Download from here</a> |
|------------------------------|------------------------------------|