

## Product No: CS3.241

### PULS DIN RAIL POWER SUPPLY 1 PHASE 24VDC 3.3A 80W CS3.241

#### FEATURES

- AC 100–240V Wide-range input
- Width only 32mm
- NEC Class2 compliant
- Efficiency up to 89.8%
- Full power between -25°C and +60°C



#### General Information

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

#### Technical Attributes

|                                    |                 |
|------------------------------------|-----------------|
| AC Input Type                      | Wide-range      |
| Connection Type                    | Screw terminals |
| Derating                           | 1.8 W/°C        |
| Derating Temperature (°C)          | > +60           |
| Efficiency                         | 89.80%          |
| External Input Fuse Recommendation | B-10 A / C-6 A  |
| Input Inrush Current (A)           | 23 / 45         |
| 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                         |
| Minimum Input Voltage DC (V)            | 110                        |
| Output Current Range (A)                | 3.3 - 2.7                  |
| Output Power (W)                        | 80                         |
| Output Voltage (V)                      | 24-28                      |
| Power Factor                            | 0.56                       |
| Power Loss (W)                          | 9.1                        |
| Rated Current (A)                       | 3.3                        |
| Special Application                     | Hazardous location, Marine |
| Use In Crosslinking                     | Yes                        |

#### Physical Attributes

|                                    |           |
|------------------------------------|-----------|
| Conformal Coating                  | No        |
| Mounting Type                      | DIN Rail  |
| Operational Temperature Range (°C) | -25 to 70 |

#### Dimensions

|                 |                   |
|-----------------|-------------------|
| Dimensions (mm) | 32W x 124H x 102D |
| Weight (g)      | 430               |

#### 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> |
|------------------------------|------------------------------------|