

## Product No: CD5.241-L1

### PULS DC/DC CONVERTER 24VDC 3.8A CD5.241-L1

#### FEATURES

- 24V DC-input
- Isolated 24V DC output
- NEC Class 2 output
- Quick-connect spring-clamp connection terminals
- Efficiency up to 90.5%
- Width only 32mm
- Full power between -25°C and +60°C
- Soft-start function
- Minimal inrush current surge
- Reverse input polarity protection



#### General Information

Brand	PULS
Country of Origin	China / Czech Republic
Customs Tariff Number	85043121
E Classification	E-CS02
Product Type	DC/DC Converter
Range	DIMENSION
Series	C series
Warranty Period (Months)	36

#### Technical Attributes

Connection Type	Spring clamps
Derating Temperature (°C)	> +60
Efficiency	90.50%
Input Inrush Current Limitation	Active
Input Voltage Range DC (V)	24
Integrated Decoupling Function	No
Maximum Ripple and Noise Voltage (mVpp)	50
Minimum Input Voltage DC (V)	24
Minimum Output Current (A)	3.8
Output Power (W)	92
Output Voltage (V)	24

### Technical Attributes

Power Loss (W)	9.7
Rated Current (A)	3.8
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)	425

### Protection & Standards

Degree of Protection	IP20
Standards and Approvals	ATEX EN 60079, Class I Div. 2 Canada - CSA, Class I Div. 2 USA - CSA, Class I Div. 2 Canada - UL, Class I Div. 2 USA - UL, EU Declaration of Conformity, IECEx IEC 60079, IEC 60950 CB Scheme, IEC 61010-1 CB Scheme, Korea Certification, Marine ABS, Marine DNV, UL 508 Canada, UL 508 USA, UL 1310 NEC Class 2, UL 60950-1 Canada, UL 60950-1 USA, UL 61010-1 Canada, UL 61010-1 USA, UK Declaration of Conformity