

## Product No: CD5.241-S1

### PULS DC/DC CONVERTER 24VDC 5A CD5.241-S1

#### FEATURES

- 24V DC-input
- Quick-connect spring-clamp connection terminals
- Isolated 24V DC output
- Efficiency up to 90.2%
- Width only 32mm
- 20% output power reserves
- Full power between -25°C and +60°C
- Soft-start function
- Minimal inrush current surge
- Reverse input polarity protection
- DC-OK and input-low relay contact



#### 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
DC-OK Signal	Yes
Derating	3 W/°C
Derating Temperature (°C)	> +60
Efficiency	90.20%
Input Voltage Range DC (V)	24
Integrated Decoupling Function	No
Maximum Ripple and Noise Voltage (mVpp)	50

Minimum Input Voltage DC (V)	24
Output Current Range (A)	5 - 4.3
Output Power (W)	120
Output Voltage (V)	24-28
Power Loss (W)	13.3
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	5
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)	450

### Protection & Standards

Degree of Protection	IP20
Standards and Approvals	ATEX EN 60079, Class I Div. 2 Canada - CSA, Class I Div. 2 USA - CSA, 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 60950-1 Canada, UL 60950-1 USA, UL 61010-1 Canada, UL 61010-1 USA, UK Declaration of Conformity

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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