

## Product No: CD10.482

### PULS DC/DC CONVERTER 48VDC 5A CD10.482

#### FEATURES

- 48V DC-input
- Isolated 48 V DC output
- Efficiency 95.1%
- Width only 42mm
- 20% Output power reserves
- 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	Screw terminals
Derating	6 W/°C
Derating Temperature (°C)	> +60
Efficiency	95.10%
Input Voltage Range DC (V)	48
Integrated Decoupling Function	No
Maximum Ripple and Noise Voltage (mVpp)	100
Minimum Input Voltage DC (V)	48
Output Current Range (A)	5 - 4.3
Output Power (W)	240
Output Voltage (V)	48-56
Power Loss (W)	12.4

### Technical Attributes

Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	5
Special Application	Hazardous location
Use In Crosslinking	Yes

### Physical Attributes

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

### Dimensions

Dimensions (mm)	42W x 124H x 117D
Weight (g)	500

### Protection & Standards

Degree of Protection	IP20
Standards and Approvals	EU Declaration of Conformity, IEC 60950 CB Scheme, IEC 61010-2-201 CB Scheme, UL 61010-2-201 Canada, UL 61010-2-201 USA, UK Declaration of Conformity