

## Product No: CP10.242

### PULS DIN RAIL POWER SUPPLY 1 PHASE 24V DC CP10.242

#### FEATURES

- DC 110–300V Wide-range input
- Width only 39mm
- Efficiency up to 95.2%
- Excellent partial load efficiency
- 20% output power reserves
- Safe HiccupPLUS overload mode
- Easy fuse breaking due to high overload peak current
- Active power factor correction (PFC)
- Minimal inrush current surge
- Full power between -25°C and +60°C
- DC-OK relay contact
- Enhanced DC input



#### 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

Efficiency	95.20%
AC Input Type	Wide-range
Connection Type	Screw terminals
DC-OK Signal	Yes
Derating	6 W/°C
Derating Temperature (°C)	> +60
External Input Fuse Recommendation	B-6 A / C-6 A

Input Inrush Current (A)	6 / 9
Input Inrush Current Limitation	Active
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)	10 - 8.6
Output Power (W)	240
Output Voltage (V)	24-28
Power Factor	0.97
Power Loss (W)	12.1
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	10
Special Application	Hazardous location, Marine, Semiconductor
Use In Crosslinking	Yes

### Physical Attributes

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

### Dimensions

Dimensions (mm)	39W x 124H x 117D
Weight (g)	600

### 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, Korea Certification, Marine ABS, Marine DNV, SEMI F47, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity

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## Resources

Product catalogue (Flipbook)

[Download from here](#)

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