

Product No: CP10.481

PULS DIN RAIL POWER SUPPLY 1 PHASE 48VDC 5.4A 260W CP10.481

FEATURES

- AC 100–240V Wide-range input
- Width only 39mm
- +10% (5.4A) continuous current up to +60°C
- +20% (6A) continuous current up to +45°C
- Efficiency up to 95.5%
- Excellent partial load efficiency
- Safe HiccupPLUS overload mode
- Active power factor correction (PFC)
- Minimal inrush current surge
- Full power between -25°C and +60°C
- DC-OK relay contact



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	95.50%
AC Input Type	Wide-range
Connection Type	Screw terminals
DC-OK Signal	Yes
Derating	6.5 W/°C
Derating Temperature (°C)	> +60
External Input Fuse Recommendation	B-6 A / C-6 A
Harmonic Correction	Active

Input Inrush Current (A)	6 / 9
Input Inrush Current Limitation	Active
Input Voltage Range AC (V)	100-240
Input Voltage Range DC (V)	110-150
Integrated Decoupling Function	No
Maximum Input Voltage DC (V)	150
Maximum Ripple and Noise Voltage (mVpp)	50
Minimum Input Voltage DC (V)	110
Output Current Range (A)	5.4 - 4.6
Output Power (W)	260
Output Voltage (V)	48-56
Power Factor	0.98
Power Loss (W)	12.3
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	5.4
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)	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, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity

Resources

Product catalogue (Flipbook)

[Download from here](#)
