

Product No: QS20.481

PULS DIN RAIL POWER SUPPLY 1 PHASE 48VDC 10A 480W QS20.481

FEATURES

- AC 100–240V Wide-range input
- Width only 82mm
- Efficiency up to 94.3%
- 150% (720W) Peak load capability
- Safe HiccupPLUS overload mode
- Easy fuse breaking due to high overload peak current
- Active power factor correction (PFC)
- Negligibly low input inrush current
- Short-term operation down to 60V AC and up to 300V AC
- Full power between -25°C and +60°C
- DC-OK relay contact
- Quick-connect spring-clamp terminals



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	Q series
Warranty Period (Months)	36

Technical Attributes

Efficiency	94.30%
AC Input Type	Wide-range
Connection Type	Spring clamps
DC-OK Signal	Yes
Derating	12 W/°C
Derating Temperature (°C)	> +60

External Input Fuse Recommendation	B-10 A / C-10 A
Harmonic Correction	Active
Input Inrush Current (A)	9 / 7
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)	100
Minimum Input Voltage DC (V)	110
Output Current Range (A)	10 - 8.7
Output Power (W)	480
Output Voltage (V)	48-55
Power Loss (W)	29
Power Reserve Type	BonusPower
Power Reserves	50%
Rated Current (A)	10
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)	82W x 124H x 127D
Weight (g)	1200

Protection & Standards

Degree of Protection	IP20
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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](#)
