

Product No: QT40.481

PULS DIN RAIL POWER SUPPLY 3 PHASE 48VDC 20A 960W QT40.481

FEATURES

- 3AC 380–480V wide-range input
- Three input fuses included
- Width only 110mm, weight only 1.5kg
- 95.4% Full load and excellent partial load efficiencies
- 50% BonusPower, 1440W for up to 4s
- 50A Peak current for 10ms for easy fuse tripping
- Active PFC (power factor correction)
- Active filtering of input transients
- Negligibly low input inrush current
- Full power between -25°C and +60°C
- Current sharing feature for parallel use
- Internal data logging for troubleshooting included
- Remote control of output voltage
- DC-OK relay contact
- Shut-down Input



General Information

Brand	PULS
Country of Origin	China / Czech Republic
Customs Tariff Number	85044083
E Classification	E-CS01
Product Type	Three-Phase
Range	DIMENSION
Series	Q series
Warranty Period (Months)	36

Technical Attributes

AC Input Type	Wide-range
Connection Type	Screw terminals
DC-OK Signal	Yes
Derating	24 W/°C
Derating Temperature (°C)	+60 to +70

Efficiency	95.40%
External Input Fuse Recommendation	B-6 A / C-6 A
Harmonic Correction	Active
Hold Up Time (ms)	25
Input Inrush Current (A)	4.5
Input Inrush Current Limitation	Active
Input Voltage Range AC (V)	380-480
Integrated Decoupling Function	No
Maximum Ripple and Noise Voltage (mVpp)	150
Output Current Range (A)	20 - 17.8
Output Power (W)	960
Output Voltage (V)	48-54
Power Loss (W)	46.3
Power Reserve Type	BonusPower
Power Reserves	50%
Rated Current (A)	20
Special Application	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)	110W x 124H x 127D
Weight (g)	1500

Protection & Standards

Degree of Protection	IP20
Standards and Approvals	EU Declaration of Conformity, IEC 60950 CB Scheme, Korea Certification, Marine DNV, SEMI F47,

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](#)
