

Product No: QS40.481

PULS DIN RAIL POWER SUPPLY 1 PHASE 48VDC 20A 960W QS40.481

FEATURES

- AC 100–240V Wide-range input
- Width only 110mm, Weight only 1.9kg
- 95.0% Full load and excellent partial load efficiencies
- 50% BonusPower, 1440W for up to 4s
- 55A High peak current for 10ms for easy fuse Tripping
- Safe HiccupPLUS overload mode
- Active power factor correction (PFC)
- 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
- ATEX and IECEx approved



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

AC Input Type	Wide-range
Connection Type	Screw terminals
DC-OK Signal	Yes
Derating	24 W/°C

Derating Temperature (°C)	> +60
Efficiency	95.00%
External Input Fuse Recommendation	B-16 A / C-16 A
Harmonic Correction	Active
Input Inrush Current (A)	17 / 11
Input Inrush Current Limitation	Active
Input Voltage Range AC (V)	100-240
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)	50.5
Power Reserve Type	BonusPower
Power Reserves	50%
Rated Current (A)	20
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)	125W x 124H x 127D
Weight (g)	1900

Protection & Standards

Degree of Protection	IP20
Standards and Approvals	ATEX EN 60079, Class I Div. 2 Canada - CSA, Class I Div. 2 USA - CSA, 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](#)
