

Product No: QT40.241-B2

PULS DIN RAIL POWER SUPPLY 3 PHASE, 960W QT40.241-B2

FEATURES

- 3AC 380-480V Wide-range input
- Communication interface: IO-Link v 1.1 (IEC 61131-3)
- 4-pole M12 connector
- Width only 110mm
- 95.3% Full load and excellent partial load efficiencies
- 50% BonusPower, 1440W for up to 5s
- 110A Peak current for 25ms for easy fuse tripping
- Active power factor correction (PFC)
- Negligibly low input inrush current
- Full power between -25°C and +60°C
- Transmission speed: COM3
- Integrated 8 kbit EEPROM for automated parameterization
- Remote control of output voltage and remote shut-down via IO-Link possible, if required



General Information

Brand	PULS
Country of Origin	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	20 W/°C
Derating Temperature (°C)	+55 to +70
Efficiency	95.30%
External Input Fuse Recommendation	B-6 A / C-6 A
Harmonic Correction	Active

Technical Attributes

Input Inrush Current (A)	4.5 / 4.5
Input Inrush Current Limitation	Active
Input Voltage Range AC (V)	380-480
Integrated Decoupling Function	No
Maximum Ripple and Noise Voltage (mVpp)	100
Output Current Range (A)	40 - 34.3
Output Power (W)	960
Output Voltage (V)	24-28
Power Loss (W)	47.3
Power Reserve Type	BonusPower
Power Reserves	50%
Rated Current (A)	40
Special Application	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, SEMI F47, UK Declaration of Conformity