

Product No: QS20.241-C1

PULS DIN RAIL POWER SUPPLY 1 PHASE 24V DC QS20.241-C1

FEATURES

- AC 100–240V wide-range input
- Width only 82mm
- Efficiency up to 93.9%
- 150% (720W) peak load capability
- Safe Hiccup PLUS overload mode
- Easy fuse tripping due to high overload current
- Active power factor correction (PFC)
- Negligible low inrush current surge
- 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
- Conformal coated



General Information

Brand	PULS
Country of Origin	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	93.90%
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)	20 - 17
Output Power (W)	480
Output Voltage (V)	24-28
Power Loss (W)	31.4
Power Reserve Type	BonusPower
Power Reserves	50%
Rated Current (A)	20
Special Application	Hazardous location, Marine, Semiconductor
Use In Crosslinking	Yes

Physical Attributes

Conformal Coating	Yes
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
Standards and Approvals	Class I Div. 2 Canada - CSA, Class I Div. 2 USA - CSA, EU Declaration of Conformity, IEC 60950 CB Scheme, Korea Certification, Marine ABS, 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](#)
