

## Product No: QT20.241

### PULS DIN RAIL POWER SUPPLY 3 PHASE 24VDC 20A 480W QT20.241

#### FEATURES

- 3AC 380–480V Wide-range Input
- Also Specified for 2-Phase Operation
- Extra Long Lifetime
- 95% Full Load and Excellent Partial Load Efficiencies
- Width only 65mm, Weight only 870g
- 50% BonusPower, 720W for up to 4s
- Active Power Factor Correction PFC
- Active Filtering of Input Transients
- Full Power Between  $-25^{\circ}\text{C}$  and  $+60^{\circ}\text{C}$
- Extremely Low Input Inrush Current Surge
- 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	Three-Phase
Range	DIMENSION
Series	Q series
Warranty Period (Months)	36

#### Technical Attributes

AC Input Type	Wide-range
Connection Type	Spring clamps
DC-OK Signal	Yes
Derating	12 W/ $^{\circ}\text{C}$
Derating Temperature ( $^{\circ}\text{C}$ )	$> +60$
Efficiency	95.00%
External Input Fuse Recommendation	B-6 A / C-3 A

Input Inrush Current (A)	3
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)	20 - 17.5
Output Power (W)	480
Output Voltage (V)	24-28
Power Loss (W)	25.3
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	No
Mounting Type	DIN Rail
Operational Temperature Range (°C)	-25 to 70

#### Dimensions

Dimensions (mm)	65W x 124H x 127D
Weight (g)	870

#### 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 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](#)

---