

Product No: QS5.241-A1

PULS DIN RAIL POWER SUPPLY 1 PHASE 24V DC QS5.241-A1

FEATURES

- 100–240V Wide-range input, active PFC
- Efficiency up to 92.7%, ATEX approved
- Negligibly low input inrush current
- 50% Power reserves available up to 4s
- Full output power between -25°C and +60°C
- Spring-clamp terminals, DC-OK contact



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	92.70%
AC Input Type	Wide-range
Connection Type	Spring clamps
DC-OK Signal	Yes
Derating	3 W/°C
Derating Temperature (°C)	> +60
External Input Fuse Recommendation	B-6 A / C-3 A
Harmonic Correction	Active
Input Inrush Current (A)	9 / 11
Input Inrush Current Limitation	Active
Input Voltage Range AC (V)	100–240
Input Voltage Range DC (V)	110–300
Integrated Decoupling Function	No
Maximum Input Voltage DC (V)	300

Technical Attributes

Maximum Ripple and Noise Voltage (mVpp)	50
Minimum Input Voltage DC (V)	100
Output Current Range (A)	5 - 4.5
Output Power (W)	120
Output Voltage (V)	24-28
Power Loss (W)	9.4
Power Reserve Type	BonusPower
Power Reserves	50%
Rated Current (A)	5
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)	40W x 124H x 117D
Weight (g)	620

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, Marine ABS, Marine DNV, SEMI F47, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity