

Product No: CP20.241-S2

PULS DIN RAIL POWER SUPPLY 1 PHASE CP20.241-S2

FEATURES

- AC 100-240V Wide-range Input
- Width only 48mm
- Efficiency up to 95.6%
- Excellent Partial Load Efficiency
- 20% Output Power Reserves
- Easy Fuse Breaking - 3 times nominal current for 12 ms
- Safe HiccupPLUS Overload Mode
- Active Power Factor Correction (PFC)
- Minimal Inrush Current Surge
- Full Power Between -25°C and +60°C
- DC-OK Relay Contact
- Current Sharing Feature for Parallel User
- Push-in Terminals



General Information

Brand	PULS
Country of Origin	Czech Republic
Customs Tariff Number	85044083
E Classification	E-CS01
Product Type	Single-Phase
Range	DIMENSION
Series	C series
Warranty Period (Months)	36

Technical Attributes

Efficiency	95.60%
AC Input Type	Wide-range
Connection Type	Push-in 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

Technical Attributes

Input Inrush Current (A)	10 / 4.5
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)	50
Minimum Input Voltage DC (V)	110
Output Current Range (A)	20 - 17.1
Output Power (W)	480
Output Voltage (V)	24-28
Power Factor	0.98
Power Loss (W)	22.1
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	20
Special Application	Hazardous location, Semiconductor
Use In Crosslinking	Yes

Physical Attributes

Conformal Coating	No
Mounting Type	DIN Rail
Operational Temperature Range (°C)	-25 to 70

Dimensions

Dimensions (mm)	48W x 124H x 127D
Weight (g)	830

Protection & Standards

Degree of Protection	IP20
Standards and Approvals	ATEX EN 60079, Class I Div. 2 Canada - UL, Class I Div. 2 USA - UL, EU Declaration of Conformity, IECEx IEC 60079, IEC 61010-2-201 CB Scheme, IEC 62368-1 CB Scheme, SEMI F47, UL 61010-2-201 Canada, UL 61010-2-201 USA, UK Declaration of Conformity