

Product No: CPS20.361

PULS POWER SUPPLY 1 PHASE 36V DC 13.3A CPS20.361

FEATURES

- AC 100-240V Wide-range Input
- Width only 65mm
- Efficiency up to 94.3%
- ATEX and IECEx Approved
- Excellent Partial Load Efficiency
- 20% Output Power Reserves
- Safe HiccupPLUS Overload Mode
- Easy Fuse Breaking due to High Overload Current
- 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 Use



General Information

Brand	PULS
Country of Origin	China / 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

AC Input Type	Wide-range
Connection Type	Screw terminals
DC-OK Signal	Yes
Derating	12 W/°C
Derating Temperature (°C)	> +60
Efficiency	94.30%
External Input Fuse Recommendation	B-10 A / C-10 A
Harmonic Correction	Active
Input Inrush Current (A)	9 / 7

Technical Attributes

Input Inrush Current Limitation	Active
Input Voltage Range AC (V)	100–240
Integrated Decoupling Function	No
Maximum Ripple and Noise Voltage (mVpp)	100
Output Current Range (A)	13.3 – 11.4
Output Power (W)	480
Output Voltage (V)	36–42
Power Factor	0.95
Power Loss (W)	29
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	13.3
Special Application	Hazardous location, Marine
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)	1000

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, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity