

Product No: CPS20.121

PULS DIN RAIL POWER SUPPLY 1 PHASE 12VDC 30A 405W

CPS20.121

FEATURES

- AC 100-240V Wide-range input
- Width only 65mm
- Efficiency up to 92.6%
- ATEX and IECEx approved
- Excellent partial load efficiency
- Safe HiccupPLUS overload mode
- Easy fuse breaking due to high overload peak 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	0.75 W/°C
Derating Temperature (°C)	> +60
Efficiency	92.60%
External Input Fuse Recommendation	B-10 A / C-10 A
Harmonic Correction	Active

Technical Attributes

Input Inrush Current (A)	9 / 7
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)	30 - 27
Output Power (W)	405
Output Voltage (V)	12-15
Power Factor	0.95
Power Loss (W)	28.8
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	30
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, Korea Certification, Marine ABS, Marine DNV, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity