

## Product No: CPS20.241

### PULS DIN RAIL POWER SUPPLY 1 PHASE 24VDC 20A 480W CPS20.241

#### FEATURES

- AC 100–240V Wide-range input
- Width only 65mm
- Efficiency up to 94.0%
- ATEX and IECEx approved
- Excellent partial load efficiency
- 20% Output power reserves
- 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	12 W/°C
Derating Temperature (°C)	> +60
Efficiency	94.00%

External Input Fuse Recommendation	B-10 A / C-10 A
Harmonic Correction	Active
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)	50
Output Current Range (A)	20 - 17.1
Output Power (W)	480
Output Voltage (V)	24-28
Power Factor	0.95
Power Loss (W)	30.6
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	20
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

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## Resources

Product catalogue (Flipbook)

[Download from here](#)

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