

## Product No: CP5.241-S1

### PULS DIN RAIL POWER SUPPLY 1 PHASE 24V DC CP5.241-S1

#### FEATURES

- AC 100–240V Wide-range input
- Width only 32mm
- Efficiency up to 94.3%
- 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



#### 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

Efficiency	94.30%
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-6 A
Harmonic Correction	Active

Input Inrush Current (A)	4 / 4
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)	5 - 4.3
Output Power (W)	120
Output Voltage (V)	24-28
Power Factor	0.91
Power Loss (W)	7.3
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	5
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)	32W x 124H x 102D
Weight (g)	440

### 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, Korea Certification, SEMI F47, UL  
61010-2-201 Canada, UL 61010-2-201 USA, UK  
Declaration of Conformity

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## Resources

Product catalogue (Flipbook)

[Download from here](#)

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