

## Product No: FPS300.246-049-102

### PULS POWER SUPPLY, 1-PHASE, 24V, 300W, FPS300.246-049-102

#### FEATURES

- IP65/67 degree of protection
- 600 W<sub>peak</sub> 5s
- 1 AC 100-240V Wide-range input
- 3 switchable outputs
- Outputs for actors and sensors shares one channel
- 95.7% full load and excellent partial load efficiencies
- DIN rail mounting possible, option "D"
- Output connected to PE (PELV)
- Version without connection to PE on request
- Large output capacitors
- Not potted
- Negligible low input inrush current surge
- Full power up to +45°C
- IO-Link
- Input: 7/8" 3 pin Output: 3x 7/8" 4 pin



#### General Information

Brand	PULS
Country of Origin	Czech Republic
Customs Tariff Number	85044083
E Classification	E-CS01
Product Type	Single-Phase
Range	FIEPOS
Series	NEC Class 2 series
Warranty Period (Months)	36

#### Technical Attributes

Efficiency	95.70%
AC Input Type	Wide-range
Connection Type	Input: 7/8" 3pin   Output: 7/8" 4pin
Derating	6 W/°C
Derating Temperature (°C)	+45 to +55
External Input Fuse Recommendation	B-6 A / C-6 A
Hold Up Time (ms)	44
Input Inrush Current (A)	2.6 / 6

### Technical Attributes

Input Inrush Current Limitation	Active
Input Voltage Range AC (V)	100-240
Input Voltage Range DC (V)	110-300
Integrated Decoupling Function	No
Maximum Input Voltage DC (V)	300
Maximum Ripple and Noise Voltage (mVpp)	50
Minimum Input Voltage DC (V)	110
Output Current Range (A)	15 - 12.9
Output Power (W)	360
Output Voltage (V)	24-28
Power Factor	0.97
Power Loss (W)	13.5
Power Reserves	600 W (Up to 5s)
Rated Current (A)	15
Special Application	Semiconductor
Use In Crosslinking	Yes

### Physical Attributes

Conformal Coating	No
Operational Temperature Range (°C)	-25 to 70

### Dimensions

Dimensions (mm)	181W x 183H x 59D
Weight (g)	1200

### Protection & Standards

Degree of Protection	IP65/IP67
Standards and Approvals	EU Declaration of Conformity, 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