Single 25W AC/DC Din Rail

X25S-Din Series

Features

- Universal Input
- Din Rail Mounting
- Short circuit & over power protected
- No min load required
- Single 25W output
- 5 year warranty

AS/NZS ISO 9001 BUREAU VERITAS Certification

SPECIFICATIONS

MODEL		X25S24D	X25S15D
INPUT	VOLTAGE	90 – 280V AC (0.5A, 47 – 440 Hz) OR 100 – 380V DC	
	CURRENT	Steady state: 0.4A at 240V AC input	
	INRUSH CURRENT	10a max peak for 264V AC	
	FUSE	1A (F) 250V AC, 20x5mm (internal)	
OUTPUT	VOLTAGE	24V DC 1A	15V DC 1.6A
	TOTAL OUTPUT POWER	25 Watts	
	TOTAL BAND REGULATION	± 4%	
	OUTPUT RIPPLE & NOISE(1)	< 159mV P-P	
	MINIMUM LOAD REGULATED(2)	0.05A	0.06A
	EFFICIENCY	> 80% at maximum load	> 78% at maximum load
	DYNAMIC LOAD	Step response for total 20W load step within load range, <350mV peak or dip, 400µs settling time	
PROTECTION	SHORT CIRCUIT	Short circuit or overload causes no damage to the power supply	
	NO LOAD	Under no load operation, the power supply causes no damage or hazard. No minimum load is required.	
	OVER POWER	Total power 100% to 130% of rating with shutdown, automatic restart on removal of overload.	
ENVIRONMENT	TEMP. COEFFICIENT	Any change in output voltage due to warm-up drift & operation temperature does not exceed regulation limit	
	OPERATING TEMP.	0°C to 40° C for continuous maximum load de-rate linearly to 60% at 50° C.	
	OPERATING HUMIDITY	Relative humidity: 8% to 80%. For best ventilation, mount with arrows pointing upwards.	
	SHIPPING & STORAGE	-20°C to 85°C, Relative Humidity: 5% to 95%	
STANDARDS	SAFETY	Complies with: IEC 950, AS 3260, UL 1950, CSA22.2 No. 950	
	EMC	CISPR 22 Class A, AS 3548 Class A, FCC 47 CFR 15 Class A, VCCI Class I	
DIMENSIONS	Metric: L x W x H (mm)	78 x 85 x 65	
	Imperial: L x W x H (inches)	3 x 3.35 x 2.5	
OTHERS	ENCLOSURE	Sealed to > IP65	
NOTE	1. Output Ripple & Noise: Measured at the output connector. This measurement should be made using a differential technique a CMMR greater than 10,000 to 1, from 10Hz to 100kHz bandwidth. Outputs to be bypassed at the connector with a 0.1µF ceramic X7R dielectric disk capacitor to simulate system loading. 2. Minimum Load Regulated is the minimum for which the output remains within the "total regulation" limits for all input voltages within the input range and within the load limits.		