

Overview

The ACS2310 DIN Rail Power Supply is recommended for use with ACC7xxx Consoles with peripheral sensors. The DIN Rail Units has a universal input and is easily mounted in enclosures alongside the Modules in Control applications.



SPECIFICATION

MODEL		DR-30-24 (MEAN WELL)
OUTPUT	DC VOLTAGE	24V
	RATED CURRENT	1.5A
	CURRENT RANGE	0 ~ 1.5A
	RATED POWER	36W
	RIPPLE & NOISE (max.) Note.2	150mVp-p
	VOLTAGE ADJ. RANGE	21.6 ~ 26.4V
	VOLTAGE TOLERANCE Note.3	± 1.0%
	LINE REGULATION	± 1.0%
INPUT	LOAD REGULATION	± 1.0%
	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	83%
	AC CURRENT (Typ.)	0.88A/115VAC 0.48A/230VAC
PROTECTION	INRUSH CURRENT (Typ.)	COLD START 15A/115VAC 30A/230VAC
	OVERLOAD Note.5	105 ~ 160% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed
ENVIRONMENT	OVER VOLTAGE	27.6 ~ 32.4V Protection type : Shut off o/p voltage, clamping by zener diode
	WORKING TEMP.	-20 ~ +60°C (Refer to "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	± 0.03%/°C (0 ~ 50°C)
SAFETY & EMC (Note 4)	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z
	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved, design refer to EN50178
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH
OTHERS	EMC EMISSION	Compliance to EN55011, EN55022 (CISPR22), EN61204-3 Class B,
	EMC IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-
OTHERS	MTBF	1172.3K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	78*93*56mm (W*H*D)
	PACKING	0.27Kg; 48pcs/14Kg/1.02CUFT

