



EPBT - 1000

ENCLOSURE / POWER SUPPLY



EINS - EPBT 1000 is a high quality Enclosure built in Mild Steel with Powder Coating & Lock. It includes UL Listed Power Supply & Accessories that can accommodate & connect HID Vertx Series of Controller including Input & Output Modules. EINS enclosure feature ample knockouts that are suitable for managing wiring connectivities to IP Controllers.

PHYSICAL AND ENVIRONMENTAL

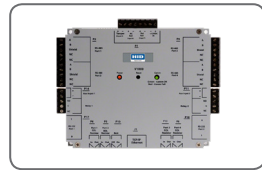
- Dimensions (H x W x D) -
In Inches - 11.80 x 13.5 x 3.5
In Millimeter - 299.72 x 342.9 x 88.9
- Product Weight - 2.15 kg
- Shipping Weight - 3.50 kg

POWER SUPPLY SPECIFICATIONS

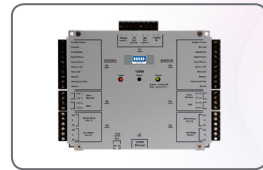


OUTPUT	DC VOLTAGE	13.8V	ENVIRONMENT	WORKING TEMP.	-20 ~ +70°C (Refer to "Derating Curve")		
	RATED CURRENT	2.8A		WORKING HUMIDITY	20 ~ 90% RH non-condensing		
	CURRENT RANGE	0 ~ 4.3A		STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH		
	RATED POWER	59.34W		TEMP. COEFFICIENT	±0.03%/°C(0~50°C) on CH1 output		
	RIPPLE & NOISE (max.) Note.2	120mVp-p		VIBRATION	10 ~ 500Hz, 2G 10min./1 cycle, 60min. each along X, Y, Z axes		
	VOLTAGE ADJ. RANGE	CH1: 12 ~ 15V		SAFETY & EMC (Note 9)	SAFETY STANDARDS	UL60950-1, TUV EN60950-1, EAC TP TC 004 approved	
	VOLTAGE TOLERANCE Note.3	±1.0%			WITHSTAND VOLTAGE	I/P-O/P: 3KVAC I/P-FG: 2KVAC O/P-FG: 0.5KVAC	
	LINE REGULATION	±0.5%			ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH	
	LOAD REGULATION	±0.5%			EMC EMISSION	Compliance to EN55032 (CIS- PR32) Class B, EN61000 -3-2,-3, EAC TP TC 020	
	SETUP, RISE TIME Note.4	800ms, 50ms/230VAC 1600ms, 50ms/115VAC at full load			EMC IMMUNITY	Compliance to EN61000-4- 2,3,4,5,6,8,11, EN55024, light industry level, criteria A, EAC TP TC 020	
HOLD UP TIME (Typ.)	50ms/230VAC 10ms/115VAC at full load	OTHERS	MTBF		589.7K hrs min. MIL-HDBK-217F (25°C)		
INPUT	VOLTAGE RANGE		90 ~ 264VAC 127 ~ 370VDC		DIMENSION	PCB:101.6*50.8*29mm (L*W*H)	
	FREQUENCY RANGE		47 ~ 63Hz		PACKING	0.13 Kg	
	EFFICIENCY (Typ.)		84%		FUNCTION	AC OK	TTL open collector output, ON : AC OK ; OFF : AC Fail ; Ice : max. 30mA@ 50VDC
	AC CURRENT (Typ.)		1.6A/115VAC 1A/230VAC			BATTERY LOW	TTL open collector output, ON : Battery Low ; OFF : Battery OK ; Ice : max. 30mA@ 50VDC
	INRUSH CURRENT (Typ.)	COLD START30A/115VAC 60A/230VAC		Battery low voltage : < 11V			
LEAKAGE CURRENT	<1mA / 240VAC						
PROTECTION	OVER LOAD	105 ~ 150% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed					
	OVER VOLTAGE	CH1:14.49 ~ 18.63V					
	BATTERY CUT OFF	10.5±0.5V					

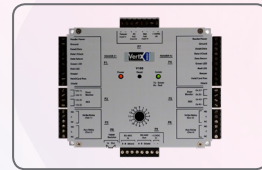
COMPATIBLE CONTROLLER



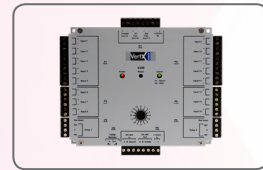
**HID® VertX® EVO V1000
Networked Controller**



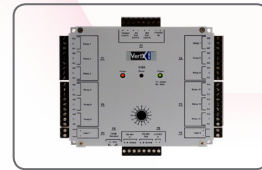
**HID® VertX® EVO V2000
Reader Interface/
Networked Controller**



**HID® VertX® V100 Door/
Reader Interface**



**HID® VertX® V200 Input
Monitor Interface**



**HID® VertX® V300 Output
Control Interface**



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