

Specifications				
Model		CUS30M		CUS60M
Output				
Line Regulation	mV	See model selector		
Load Regulation	mV	See model selector		
Ripple & Noise	mV	See model selector		
Temperature Coefficient	%/°C	<0.02%/°C		
Minimum Load	-	No minimum load required		
Overcurrent Protection	-	>105% of rated current. Class 2 Limited Power Source (4)		
Overvoltage Protection (5)	V	> 115% of nominal output	>120% of nominal output	
Remote Sense		No		
Indicators	-	None		
Parallel Operation	-	Not possible		
Series Operation	-	Possible, see installation manual		
Environmental				
Operating Temperature (-30°C start-up)		-20 to +70°C. Derate linearly to 50% load from +50 to +70°C (6)		
Storage Temperature	°C	-40° to +85°C		
Humidity (non condensing)	%RH	10 - 95%RH (Operating & Storage)		
Cooling	-	Convection		
Altitude	m	5,000m, derate operating ambient by 5°C/1000m above 3,000m		
Withstand Voltage (For 1 minute)	VAC	Input to Ground 2kVAC (1xMOPP), Input to Output 4kVAC (2xMOPPs), Output to Ground 1.5kVAC (1xMOPP) suitable for B & BF rated equipment		
Isolation Resistance	MΩ	>100MΩ at 25°C, 70%RH & 500VDC		
Vibration (Non Operating)	-	10 - 55Hz: 19.6m/s² constant sweep 1 min X, Y, Z for 1 hour		
Shock	-	< 196.1 m/s², MIL-STD-810F		
Other				
Size (WxLxH)	mm	50.8 x 76.2 x 24.2	50.8 x 76.2 x 26.7	
Size (WxLxH)	Inches	2 x 3 x 0.95	2 x 3 x 1.05	
Connectors (JST)		Input (CN1): B2P3-VH(LF)(SN) (Mates with VHR-3N housing).		
Option code /M for Molex	-	Output (CN-51): B4P-VH(LF)(SN) (Mates with VHR-4N)		
MTBF - Telcordia SR-332 issue 3 (7)	Hours	8,008,742	6,324,138	
Warranty	yrs	3 years		

Notes

See website for detailed specifications, test methods and installation manual

See installation manual for terminal pin and hand tool information

(1) Ripple level increases at light loading to meet new efficiency standards

(2) 115/230VAC. Average efficiency measured at 25, 50, 75 and 100% load

(3) CUS30M: Derate linearly to 80% load from 115VAC to 85VAC. CUS60M-12, 18 & 48: Derate linearly to 80% load from 100VAC to 85VAC. CUS60M-15 derate linearly to 60% load from 100Vac

(4) All models except CUS60M-5

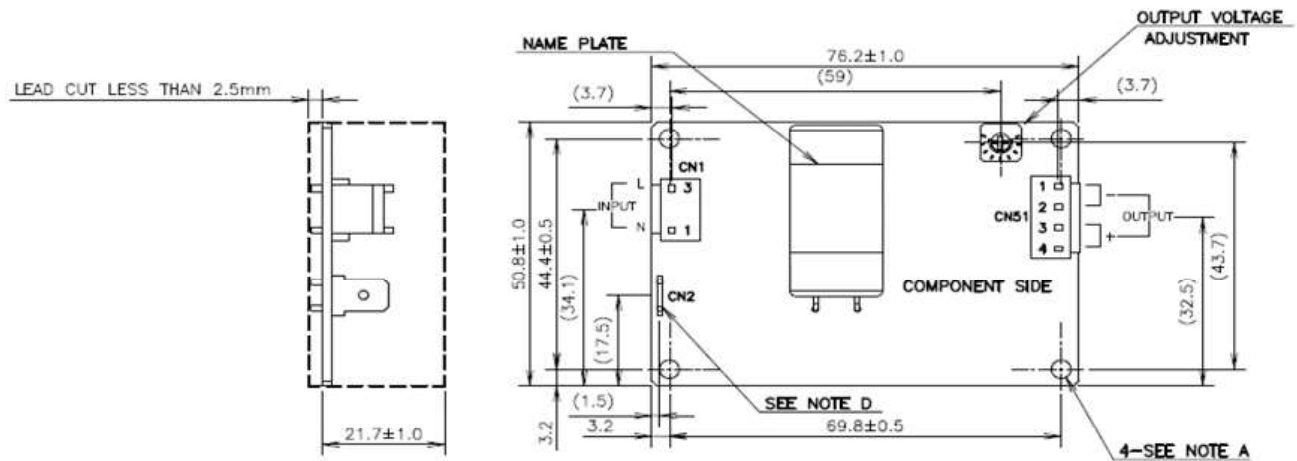
(5) Cycle AC input to reset

(6) CUS30M-48 and CUS60M-12: Derate linearly to 50% load from +45 to +70°C. CUS60M-15: 50% load from +40 to +70°C. Models with /A cover have additional derating, see website.

(7) 24V output model, 25°C ambient, full load, 230VAC input

Mechanical Specification

Outline Drawing CUS30M Series (Open Frame)



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