

Model number

CAS 3F 0.5A N.O. 60Hz

Absolute stress above which the unit may be damaged:

	Min.	Max.	Unit
Ambient temperature	- 40	80	deg C
Voltage across output contacts, Note 3.	0	60	V-peak DC
I instant. in output contacts, Note 3.	0	300	mA-peak
Shock (any axis)		2500	g

Range over which calibration is guaranteed:

	Min.	Typ.	Max.	Unit
Ambient temperature	- 5	25	70	deg C
Frequency	59	60	61	Hz
Total harmonic distortion of sensed current			3.0	percent
Vibration (1Hz-10kHz)			200	g

Operating parameters:

	Min.	Typ.	Max.	Unit
Thermal coefficient	- 0.35	- 0.46	- 0.50	%/degC
Isolation	0		5.0	kV-rms

For AC switching current set to 0.5 A rms, switched current 15mA DC:

Switching current @ +25 deg C		0.50		A-rms
Switching current @ +70 deg C	0.40			A-rms
Switching current @ - 5 deg C			0.58	A-rms
Volts across output contacts at 25 deg C, and 100mA.		0.86		VDC
Volts across output contacts at 25 deg C,15mA.		0.79		VDC
Volts across output contactsat 25 deg C,3mA.		0.78		VDC
Deadband (partially on state)15mA/25deg. C	0.44		0.57	A-rms
$V_{sat}=9V-(600 \times 0.0137)=0.79V$		0.79		VDC
$V_{sat}=50V-(20K \times 0.0026)=0.68V$		0.68		VDC

Physical:

	Min.	Typ.	Max.	Unit
Height *Note 2	0.50	0.50	0.56	inch
Length		1.40		inch
Width		1.50		inch
Weight		33		grams
Polarized output leads or (Stud 4-40,lock nuts).				
Flammability: potting 94-VO, self extinguishing.				