

General Specifications

Latching voltage (across L1-T1)	≤ 20 VAC	Pollution degree	2 (non-conductive pollution with possibilities of condensation)
Operational frequency range	45 - 65 Hz	Over-voltage category	III (fixed installations)
Power factor	> 0.5 @ Vrated	Isolation Input to Output IN1, IN2, A1+, A2- to L1, T1	2500Vrms
Touch protection	IP20	Alarm to Output 11+, 12- to L1, T1	2500Vrms
LEDs status indication		Alarm to Input 11+, 12- to A1+, A2-, IN1, IN2	500Vrms
Supply ON	Green, half intensity	Input & Output to Case	4000Vrms
Control ON	Green, full intensity		
Load ON	Yellow		
Fault	Red ⁴		

Supply Specifications (A1+, A2-)

Rated supply voltage	24 VDC -15%, +20%
Reverse protection	Yes
Max. supply current	50 mA
Fan supply RGC1S..90	Supplied directly to fan 24VDC +/-10%, 50mA nominal

Remote TEACH Specifications (IN1)

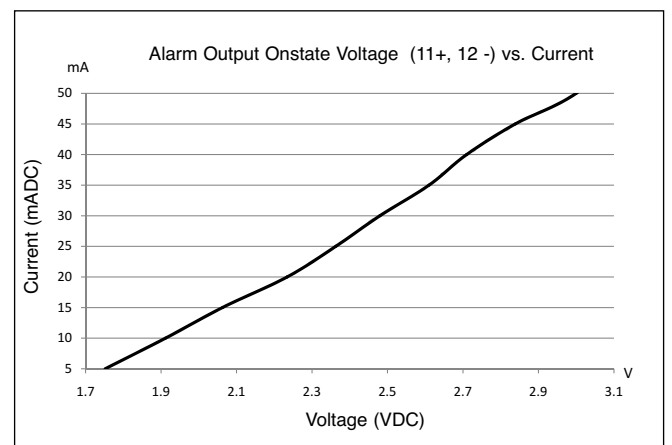
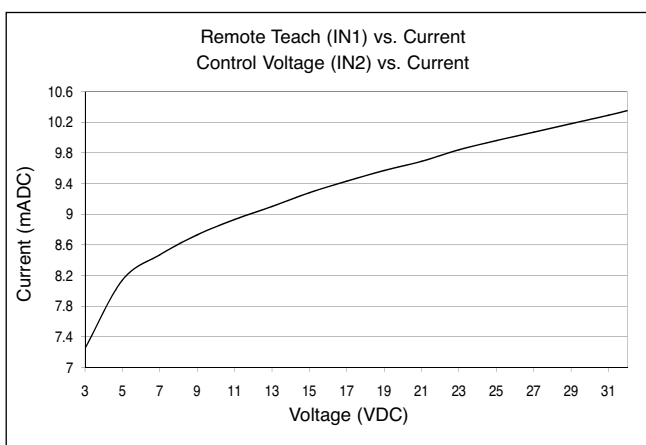
Control voltage range ⁵	4 - 32 VDC
Input current	refer to chart
Reverse protection	Yes

Alarm Specifications (11+, 12-)

Output Type	PNP Open Collector
Normal State ⁶	Normally Closed
Maximum rating	35Vdc, 50mADC
Visual Indication	Red LED ⁴
Alarm output onstate voltage	refer to chart

Control Specifications (IN2)

Control voltage range ^{5,7}	4 - 32 VDC
Pick-up voltage	3.8 VDC
Drop-out voltage	1 VDC
Maximum reverse voltage	32 VDC
Input current	refer to chart
Max Response time pick-up	0.5 cycle + 500us @ 24VDC
Min Response time drop-out	0.5 cycle + 500us @ 24VDC



4: refer to Alarm LED Indications

5: DC control to be supplied by a Class 2 power source

6: The alarm will open in the case when the power supply is removed

7: Minimum duty cycle is 120ms ON, 120ms OFF

The duty cycle must allow for stabilisation of load current in order to have a correct current set point