



GOXX0005

FAN DETECTION BOARD

(DETECTS THE ABSENCE OF FAN CURRENT)

LINE VOLTAGE UP TO 230V
FAN CURRENT UP TO 6A
NO/NC OUTPUT SWITCH

The GOXX0003 detects the absence of current circulating in the fan. This can be used for ventilation fault signal generation in power semiconductor assembly

Characteristic		Conditions	Value
I _{LOAD} (RMS)	Maximum fan current		6 A
V (RMS)	Maximum voltage (fan side)		230 V
V _{INS} (RMS)	Insulation voltage		2000 V

RELAY CONTACT CHARACTERISTICS

V _{MAX} (DC)	Maximum voltage (across contact)		30 V
I _{MAX} (DC)	Maximum current (through contact)		2 A
	Expected electrical life	Number of operations	10 ⁵
	Expected mechanical life	Number of operations	10 ⁸

MECHANICAL AND THERMAL CHARACTERISTICS

	Width		40 mm
	Depth		50 mm
	Height		25 mm
W	Weight		21 g
	Standoff hole diameter		4,5 mm
	Max allowed wire gauge	16 AWG	1,5 mm ²
T _{a max}	Max amb. op. Temp.		40 °C
T _{stg}	Storage temperature		-40/60 °C