


Intrusion Detectors

Internal Motion Detectors

Dual Internal Motion Detectors with Antimask

Type	Order No.																										
IRM270T..	IRM270T..																										
	<p>PIR/MW motion detector with real-time antimask surveillance, 18 m wide angle</p> <p>Reliable recognition of intruders is ensured thanks to sophisticated digital signal processing and interconnection between the microwave and passive-infrared sections. To achieve this, both subsystems are subject to a multi-criteria analysis, and any unwanted interference is recognized and suppressed by the individual subsystems.</p> <table border="0"> <tr> <td>Range</td> <td>18 m wide angle</td> </tr> <tr> <td>Supply voltage</td> <td>9 ~ 16 VDC (12 V nominal)</td> </tr> <tr> <td>Current consumption</td> <td>8.0 mA (15 mA on alarm)</td> </tr> <tr> <td>Alarm relay output (NO/NC)</td> <td>30 VDC / 100 mA / Ri 35 Ohm NC</td> </tr> <tr> <td>Alarm holding time</td> <td>2 ~ 3 s</td> </tr> <tr> <td>Tamper relay output (NO/NC)</td> <td>30 VDC / 100 mA NC</td> </tr> <tr> <td>Antimask relay output (NO/NC)</td> <td>30 VDC / 100 mA NC</td> </tr> <tr> <td>Control input</td> <td>Low ≤ 1.5 V / high ≥ 3.5 V</td> </tr> <tr> <td>Walking speed</td> <td>0.1 ~ 4.0 m/s</td> </tr> <tr> <td>Operating temperature</td> <td>-20 ~ +55 °C</td> </tr> <tr> <td>Dimensions (W x H x D)</td> <td>136 x 55 x 57 mm</td> </tr> <tr> <td>EMC up to 2 GHz</td> <td>30 V/m</td> </tr> <tr> <td>Weight</td> <td>0.130 kg</td> </tr> </table>	Range	18 m wide angle	Supply voltage	9 ~ 16 VDC (12 V nominal)	Current consumption	8.0 mA (15 mA on alarm)	Alarm relay output (NO/NC)	30 VDC / 100 mA / Ri 35 Ohm NC	Alarm holding time	2 ~ 3 s	Tamper relay output (NO/NC)	30 VDC / 100 mA NC	Antimask relay output (NO/NC)	30 VDC / 100 mA NC	Control input	Low ≤ 1.5 V / high ≥ 3.5 V	Walking speed	0.1 ~ 4.0 m/s	Operating temperature	-20 ~ +55 °C	Dimensions (W x H x D)	136 x 55 x 57 mm	EMC up to 2 GHz	30 V/m	Weight	0.130 kg
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IRM270CT	A5Q00007851																										
<p>PIR/MW motion detector with real-time antimask surveillance, 18 m wide angle, 10.525 GHz</p> <p>See IRM270T.. for technical overview and note the additional / other specifications:</p> <table border="0"> <tr> <td>Microwave (MW)</td> <td>10.525 GHz</td> </tr> <tr> <td>Data sheet</td> <td>008970</td> </tr> </table>	Microwave (MW)	10.525 GHz	Data sheet	008970																							
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IRM270T	A5Q00002416																										
<p>PIR/MW motion detector with real-time antimask surveillance, 18 m wide angle, 9.35 GHz</p> <p>See IRM270T.. for technical overview and note the additional / other specifications:</p> <table border="0"> <tr> <td>Microwave (MW)</td> <td>9.35 GHz</td> </tr> <tr> <td>Data sheet</td> <td>008969</td> </tr> </table>	Microwave (MW)	9.35 GHz	Data sheet	008969																							
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IRM270CTFR	A5Q00007891																										
<p>PIR/MW motion detector with real-time antimask surveillance, 18 m wide angle, 9.9 GHz</p> <p>See IRM270T.. for technical overview and note the additional / other specifications:</p> <table border="0"> <tr> <td>Microwave (MW)</td> <td>9.9 GHz</td> </tr> <tr> <td>Data sheet</td> <td>008972</td> </tr> </table>	Microwave (MW)	9.9 GHz	Data sheet	008972																							
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IRM270CTUK	A5Q00007894																										
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