

SAFETY LIGHT CURTAIN WITH IN BUILT CONTROL BOX



ORBITAL



READY RECKONER

Screen Height (mm)	No. Of Channel	Pitch (mm)	Total Height (mm)	Product Code
145	8	18.3	205	AC <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> M
220	12	18.3	280	AC <input type="checkbox"/> C <input type="checkbox"/> C <input type="checkbox"/> M
290	16	18.3	350	AC <input type="checkbox"/> D <input type="checkbox"/> C <input type="checkbox"/> M
365	20	18.3	425	AC <input type="checkbox"/> I <input type="checkbox"/> C <input type="checkbox"/> M
440	24	18.3	500	AC <input type="checkbox"/> E <input type="checkbox"/> C <input type="checkbox"/> M
585	32	18.3	645	AC <input type="checkbox"/> F <input type="checkbox"/> C <input type="checkbox"/> M
660	36	18.3	720	AC <input type="checkbox"/> H <input type="checkbox"/> C <input type="checkbox"/> M
880	48	18.3	940	AC <input type="checkbox"/> G <input type="checkbox"/> C <input type="checkbox"/> M
290	8	36.6	350	AC <input type="checkbox"/> B <input type="checkbox"/> D <input type="checkbox"/> M
440	12	36.6	500	AC <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> M
585	16	36.6	645	AC <input type="checkbox"/> D <input type="checkbox"/> D <input type="checkbox"/> M
730	20	36.6	790	AC <input type="checkbox"/> I <input type="checkbox"/> D <input type="checkbox"/> M
880	24	36.6	940	AC <input type="checkbox"/> E <input type="checkbox"/> D <input type="checkbox"/> M
1170	32	36.6	1230	AC <input type="checkbox"/> F <input type="checkbox"/> D <input type="checkbox"/> M
1315	36	36.6	1375	AC <input type="checkbox"/> H <input type="checkbox"/> D <input type="checkbox"/> M
1755	48	36.6	1815	AC <input type="checkbox"/> G <input type="checkbox"/> D <input type="checkbox"/> M

FEATURES

- **SELF TEST** : Built in self test to ensure that the electronic Components and logic circuit are functioning properly. System will go to wait state if the self test detect a malfunction.
- **DUAL ELECTRONIC CIRCUITS** : with separate outputs and Feedback for each output to add the reliability and to ensure failsafe operation.
- **HOUSING** : extruded Aluminium Sections ensure that the Product can withstand severe mechanical impacts.
- **MOUNTING** : "T"slots allow for easy mounting arrangements.
- **OPTICS** : well designed optics ensure easy alignment.
- **OPTICAL COMMUNICATION**: No interconnecting cables. Immune to noise.

TECHNICAL SPECIFICATIONS:

Operating Range	: 5000 mm upto 15000 mm
Effective Angle	: ± 5°
Supply Voltage	: 24 VDC ± 20%
Output	: 2 x PNP N/O
Response Time	: 15 m sec
Temperature	: 0 to 60°C
Humidity	: 30 to 85% RH
Emitting Element	: Infra Red LED
Peak Emission Wavelength	: 940 mm
Output Load current:	Max. 100 mA
Vibration Resistance	: 10 to 55 Hz, 0.75mm Amplitude in X Y & Z Direction For 2 Hours each 30 msec ² Acceleration (30 G approx.) in X, Y & Z direction for three time each
Connection	: Transmitter 2 Pin connector & Receiver 4 pin connector
Dimension	: 31 mm (Width) x 41 mm (Breadth) x Total Height

Parameter	Code	Specification
Supply Voltage (V)	3	24 VDC ± 15%
Number of Channels (C)	B	08 Channels
	C	12 Channels
	D	16 Channels
	E	24 Channels
	F	32 Channels
	G	48 Channels
	H	36 Channels
Range (R)	1	5000 mm
	2	Special
Pitch (P)	C	18.3 mm
	D	36.6 mm
Type of Output (O)	4	2 x PNP N/O
Model	M	Inbuilt control box
Screen Height available		145, 220, 290, 365, 440, 585, 660, 880, 290, 440, 585, 730, 880, 1170, 1315, 1755



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