

Date: 12/11/2021

**PRODUCT SAFETY TEST REPORT
TO WHOM IT MAY CONCERN**

The above mentioned SMTL-Safety Light Curtains product has been tested in accordance with IS Safety standards during at the installation sites.

Data subject to change without notice.


Company/Manufacture name	Shree Mahalaxmi Trade Links (SMTL)		
Address	205,334-E, Dattawad Renaissance,Shahupuri,Kolhapur-India-416001		
Product Name	SMTL-Safety Light Curtains		
Parameters	Technical Specifications	Unit	Remark
Input power supply	12-24	DC Volts	Ok
Supply protection	Reverse polarity protected		Ok
Output	PNP-NC+PNP-NC		Ok
Output indication	LED light		Ok
Channel indication	LED/channel		Ok
Response time	On-Off: 10-15	msec	Ok
	Off-On: 50-10	msec	Ok
Restart system	Automatic		Ok
Number of beams	04 to 32	nod	Ok
Protected height	90-1710	mm	Ok
Pitch	11-90	mm	Ok



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Parameters	Technical Specifications	Unit	Remark
Adjustable range	up to 15	meters	Ok
Cross section	36X42	mm	Ok
Operating temperature	55 maximum	deg C	Ok
Operating ambient light	500 when source is place opposite to receiver	lux	Ok
	>3000 when source is place at an angle of 20 degree	lux	Ok
Vibration resistance	Amplitude 0.75 mm(p)		Ok
	Frequency 10-55 Hz		Ok
	Rate 1 octave/min		Ok
Electrical connections	Plug in connector for Emitter and Receiver		Ok
Standard cable length	5 meters for emitter		Ok
	3 meters for receiver		Ok
Fasting modes	Slide slot on the back with adjustable height		Ok
Protection	Output short circuit protected		Ok
Applicable to	Directly connect to PLC/Controllers		Ok

The product is produced by a manufacturing organization and is tested for safety parameters. Product is found to be ok and satisfactory at the time of testing.


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