

Solutions for electrical safety test systems

S 2110 Safety Module with light barrier sensor



This safety module is a production friendly safety component that does not physically impact on the actions of the operator. The goal of light curtains is to provide safety by ceasing test system operations if an object crosses a specified safety zone. The light curtains monitor if any object has breached inside the prohibition zone, if the light curtains detect a breach the safety module will disconnect the measuring circuits from the mains.

KEY FEATURES

- No opening and closing necessary;
- Quick handling;
- The highest protection grades up to PLe or SIL3 can be achieved;
- Protection against direct contact;
- All components in the safety modules are approved safety devices;
- Simple integration into the measuring system.

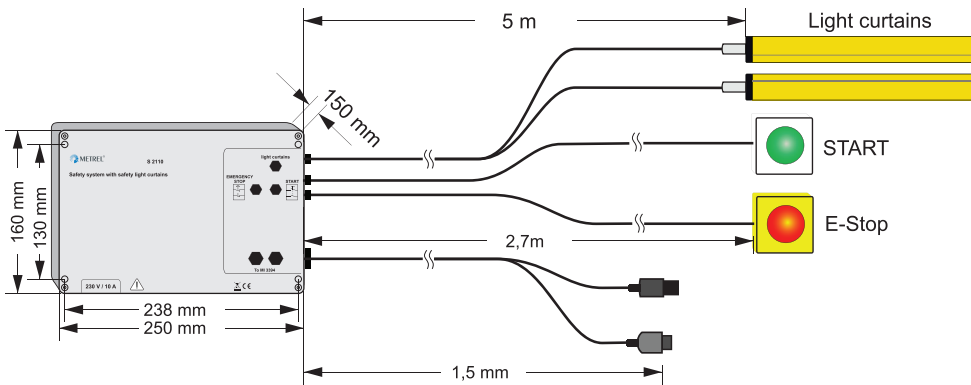
STANDARDS

- Safety**
- EN 50191

TECHNICAL SPECIFICATION

General

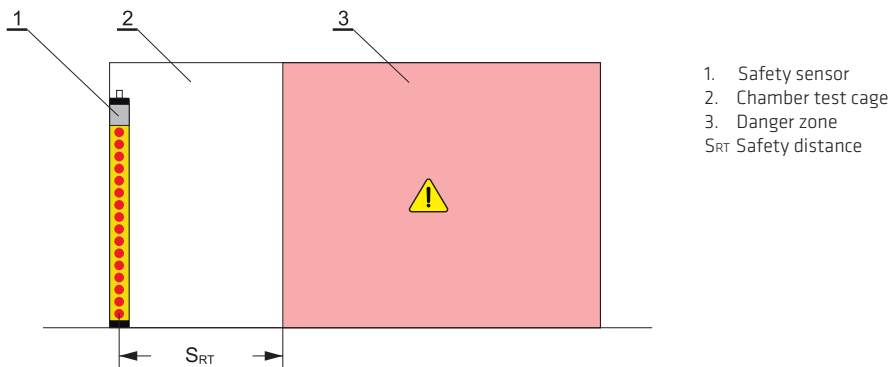
Weight	3,2 kg
Fastening screws	M4 x 12 DIN 912, 4 pcs
Dimensions	



LIGHT CURTAINS MLC500T14-750 (TRANSMITTER), MLC510R14-750 (RECEIVER)

General

Weight	0,9 kg
SRT	200 mm
Dimensions	



1. Safety sensor
 2. Chamber test cage
 3. Danger zone
- S_{RT} Safety distance

METREL D.D.

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ORDERING INFORMATION



Standard set S 2110

- S 2110 Safety system with safety light curtains
- A 1728 Mains cable C13 / Schuko, 3 x 0.75 mm², 2 m
- A 1690 Start button
- A 1689 Emergency stop button
- A 1017 Communication cable, RS232, 2 m

OPTIONAL ACCESSORIES

Photo	Order No.	Acc. description
	A 1676	Test cage, for safety system with safety light curtains