

About Us

Smartscan India Pvt. Ltd, is an Indian Incorporated company. The company is a subsidiary of the Smartscan group of companies founded in 1987. Smartscan is focussed on machine safety, safety light curtains and safety relays. We also have a range of non-safety light curtain. Smartscan India is the latest expansion in the Smartcan family. In addition we have our own company representation in Germany, USA and Taiwan. Our staff and distributors have a broad range of experience within the industrial machinery safety market and deal with a range of standard and specialist applications on a daily basis. Together with our ISO 9001:2008 certification, full confidence can be placed in the quality, reliability and above all the safety of Smartscan solutions and equipment.

Our Products

Safety Light Curtains

Type 4 / SIL 3 / PLc



C4 Series

Specifications:

Detection Capability: 14mm - 50mm
 Detection Zone: 180mm - 2440mm
 Operating Range: 0.5m - 10m
 Auto / Manual Reset
 PNP x 2 OSSD's (24 VDC / 500 mA)
 IEC 62061 SIL3, ISO 13849-1 PL e,
 IEC 61496-1 TYPE4 / IEC 61496-2 TYPE4

Type 2 / SIL 1 / PLc



1000+ Series

Specifications:

Detection Capability: 30mm - 50mm
 Detection Zone: 180mm - 1840mm
 Operating Range: 0.5m - 10m
 Auto / Manual Reset
 PNP x 2 OSSD's (24 VDC / 500 mA)
 IEC61496-1 & IEC61496-2 : TYPE 2 IEC62061 SIL1 & ISO13849-1 PLc

Area Sensor (CE/LVD Certified)

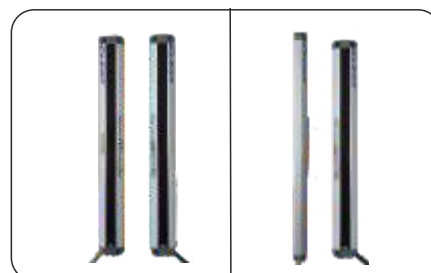
N Series



Specifications:

Detection Capability: 25mm - 70mm
 Detection Zone: 70mm - 1720mm
 Operating Range: 0.5m - 15m
 PNP / NPN output, IP65

M Series (Slim & Thin body)



Specifications:

Detection Capability: 10mm - 40mm
 Detection Zone: 100mm - 940mm
 Operating Range: 0.3m - 5m
 PNP / NPN output, IP65

F Series (Slim & Thin body)



Specifications:

Detection Capability: 10mm - 40mm
 Detection Zone: 100mm - 940mm
 Operating Range: 0.3m - 5m
 PNP / NPN output, IP65

Pallet Safe Light Curtains

T Type (Pallet Entry / Exit)



L Type (Pallet Exit only)

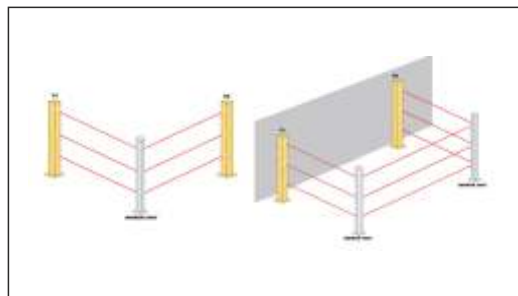


8K3/8K4 Series

Specifications:

- Number of beams 1-4, Detection height 500, 600, 900 and 1200mm.
- Configurable cross beam muting (1.25 - 2.5m range) and parallel-beam muting (0.5 - 5m range).
- Configurable for both pallet in-feed and out-feed applications.
- Two part safety system with fully integrated control functions.
- Heavy duty enclosures rated IP66 for harsh, wet and dusty environments, Mute enable input for increased safety integrity.
- Safety output relay contacts (dual channel), Safety monitored guard override facility.
- External device monitoring (EDM), Integrated monitored mute beacon option.
- BS EN 61496 Type 3, BS EN ISO 13849 - 1 PL d, BS EN ISO 13849 - 1 Category 3, BS EN 62061 SIL 2.

Perimeter Guarding Light Curtains



Specifications:

- Number of beams 1-4, Detection height 500, 600, 900 and 1200mm
- Long Range Perimeter guard: 4 - 40m
- Safety monitoring (EDM), IP 66
- BS EN 61496 Type 3, BS EN ISO 13849 - 1 PL d, BS EN ISO 13849 - 1 Category 3 BS EN 62061 SIL 2

LCB (Light Curtain Blocker)



NEW

LCB Features and Benefits:

- LCB Devices comes with a personnel key which protects operators from an inadvertent start-up occurring whilst working inside a safeguarded area.
- Manufactured from robust stainless steel.
- Integrated mounting plates for easy installation directly onto the light curtain.
- Releases a personnel key for taking inside the safeguarded area.
- Different orientations available (Left- or Right-hand).
- 35-75 mm Blocking depth.

Safety Relay


O11 Series
TSRU Series

Specifications:

- IEC 62061 (SIL3) EN ISO 13849-1(PLC) CATEGORY 4.
- Thin shell, DC 24V, dual emergency stop, various output contacts 2NO+INC, 3NO+INC.
- Automatic reset and manual reset mode.
- Suitable for emergency stop switches, safety bolts, safety light curtains, etc

Mechanical Trapped Key Interlock Switches



Power Isolation Switches



Specifications:

- Mirror Polished Die-Cast Barrel or SS.
- Panel Mount or Box Mount Options.
- 4-Pole Contacts Capable of Switching up to 690V at 25A/40A/63A.
- Power ON = Key Trapped/Power OFF = Key Can be Released

Key Exchange Systems for Trapped Key Interlocking (Stainless Steel)/ Die Cast



Specifications:

- Key exchange systems for trapped key interlocking are used when a single point of isolation requires entry to multiple access points at the same time

Trapped Key Interlocks for Access Control with Secondary Release Key (Stainless Steel)/Die cast



Specifications:

- Trapped key interlocks secure guard doors.
- A primary key releases a secondary "personnel" key.
- The operator takes the personnel key into hazardous areas.
- This prevents accidental startup.
- The primary key remains trapped until the personnel key is returned.

Tongue Interlock Safety Switches

Electromechanical Switches



Specifications:

- Available in Three Materials: Plastic, Die-Cast and Stainless Steel 316,
- Contacts up to 2N/C+IN/O
- Ingress Protection up to IP69K
- Operating Temperature from -25C to +80 C
- Connection via Pre-Wired or M12 8-pole Quick Connect

Solenoid controlled interlock switches



Specifications:

- Manufactured high specification red polyester and stainless steel head.
- Ingress Protection up to IP67.
- Holding Force up to 2000N.
- Solenoid Voltage rated at 24V ac/dc / 110V ac / 230V ac.
- Indication via dual LED for position/lock status.

NON CONTACT Safety switches



RFID Coded Non-Contact Safety Interlock Switches (Plastic/SS)

Magnetic Coded Non-Contact Safety Interlock Switches (Plastic/SS)

Specifications:

- Housed in Polyester or 316 Grade Stainless Steel
- Large Range of Housings and Fixing Styles
- Optional LED Indication for Quick Fault Finding
- Pre-Wired or M12 Quick Connect
- Contacts up to 2N/C + 1N/O
- Sensing Distance up to 8mm ON / 20mm OFF
- Indication via Single LED for Guard and RFID Code Status
- Tested to IP67 Pre-Wired Cable or M12 Quick Connect

Electromagnetic RFID Safety Switches



Specifications:

- Housed in Polyester, Die-Cast or 316 Stainless Steel
- Power-to-Lock up to 1500N (Depending on Model)
- Contact Configuration up to 2 NC Safety + 1 NO Auxiliary
- Two LED's to Indicate Various Device States
- Pre-Wired or M12 Quick Connect

Hazardous Area Safety Switches (ATEX -Explosion Proof Products)



Specifications:

- IECEx and ATEX certified for use in hazardous areas
- Suitable for Zones 1, 21, 2, and 22, meeting Directive 2014/34/EU
- WMI-Ex suitable for Zones 0 and 20
- Pre-wired with 3m cable; longer lengths available on request
- Durable die-cast or 316 stainless steel rated to IP67 and IP69K

Contact Us