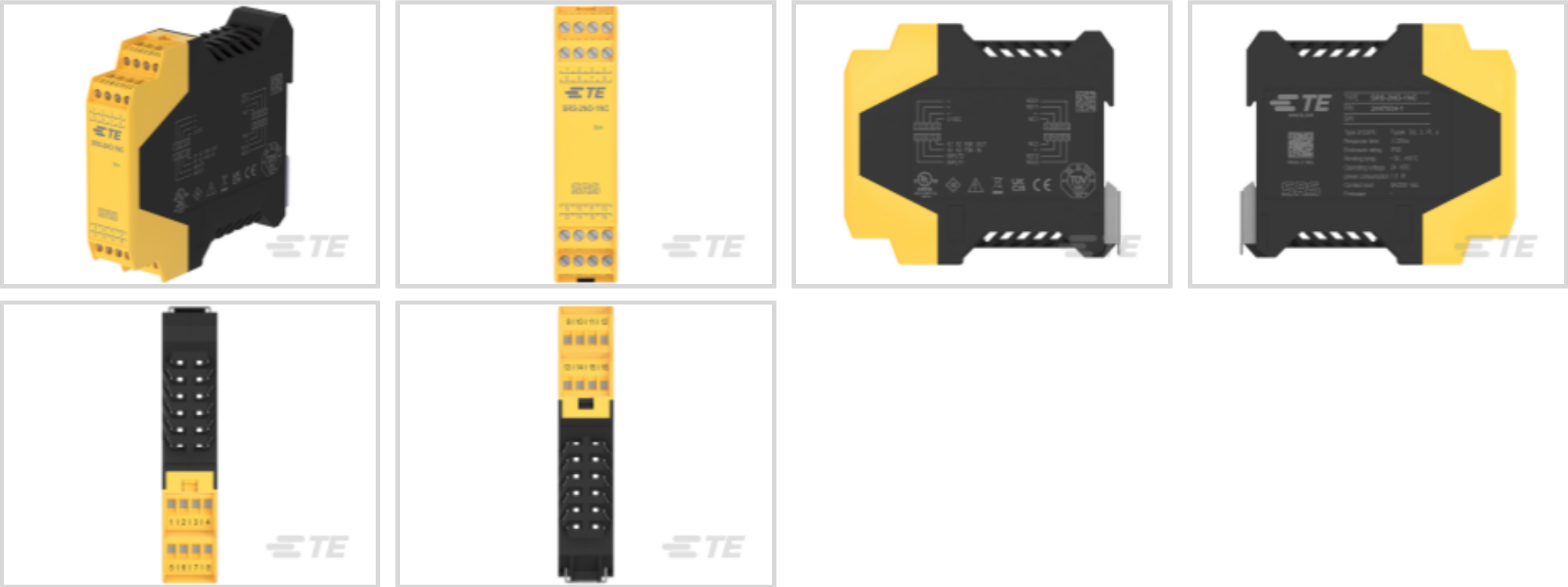




Relays & Contactors > Safety Relays



Impulse Withstand Voltage: 6 kV

Type of Contact: NC

Features

Product Type Features

|                   |                 |
|-------------------|-----------------|
| Safety Relay Type | Interface Relay |
| Shelf Life        | 20 Years        |

Configuration Features

|                  |                     |
|------------------|---------------------|
| Connections Type | 16 Terminals Blocks |
|------------------|---------------------|

Electrical Characteristics

|                                 |              |
|---------------------------------|--------------|
| Power Supply Voltage            | 24 ± 20% VDC |
| Overvoltage Category            | III          |
| Contact Switching Voltage (Max) | 250 VAC      |
| Power Rating (Max)              | 1.5 W        |

Body Features

|                |       |
|----------------|-------|
| Product Weight | 110 g |
|----------------|-------|

Contact Features

|                            |     |
|----------------------------|-----|
| Switching Current AC (Max) | 6 A |
| Switching Current DC (Max  | 6 A |
| Type of Contact            | NC  |

Mechanical Attachment

|                        |         |
|------------------------|---------|
| DIN Rail Mounting Type | TH35-15 |
|------------------------|---------|



|                                       |              |
|---------------------------------------|--------------|
| Product Mount Type                    | DIN Rail     |
| Tightening Torque Range (Recommended) | 5 – 7 in-lbs |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 22.5 mm[.89 in] |
| Housing Material   | Nylon 66        |

Dimensions

|  |                          |
|--|--------------------------|
| Product Depth  | 113.5 mm[39 in]          |
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp | 24 – 12 AWG              |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp    | .2 – 2.5 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp        | .2 – 2.5 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp       | 24 – 12 AWG              |
| Product Width  | .89 mm[22.5 in]          |
| Product Height   | 99 mm[3.9 in]            |
| Cable Length   | 100 m                    |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 55 °C[-22 – 131 °F] |
| Relative Humidity Range     | 10 – 95 %                 |
| Altitude (Max)              | 2000 m                    |
| Storage Temperature Range   | -30 – 70 °C[-22 – 158 °F] |

Operation/Application

|                         |                    |
|-------------------------|--------------------|
| Indicator Type          | LED                |
| Response Time           | 20 msec            |
| Mechanical Service Life | 10 x 10E6          |
| Electrical Shelf Life   | > 10E5             |
| Vibration Resistance    | 15G's, 10 – 2000Hz |

Industry Standards

|   |              |
|---|--------------|
| Compatible With Agency/Standards Products | CSA, TÜV, UL |
| Enclosure Rating                          | IP20         |
| UL Flammability Rating                    | UL 94V-0     |
| IP Rating (Connection)                    | IP2X         |

Other

|  |  |
|--|--|
|  |  |
|--|--|



|                               |  |
|-------------------------------|--|
| EDM Input Contact Arrangement | 1 NC Contact                               |
| Switching Power Details (Max) | 1500VA, 180W (85W If Load Voltage >30 VDC) |
| Impulse Withstand Voltage     | 6 kV                                       |

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

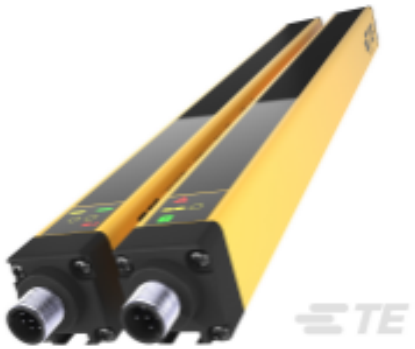
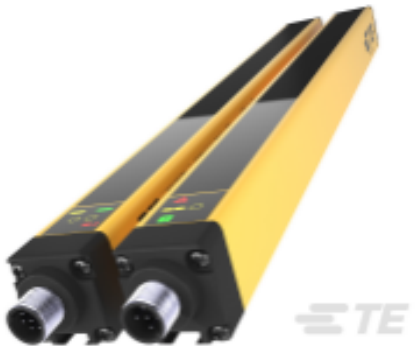
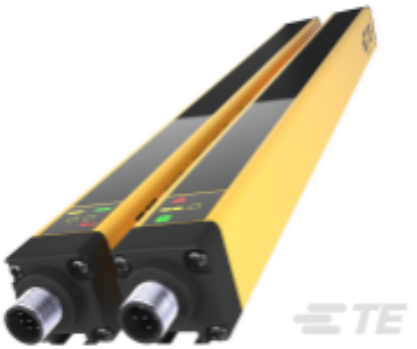
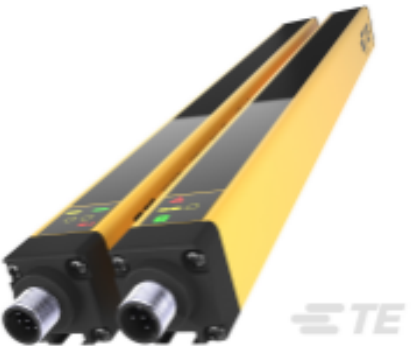
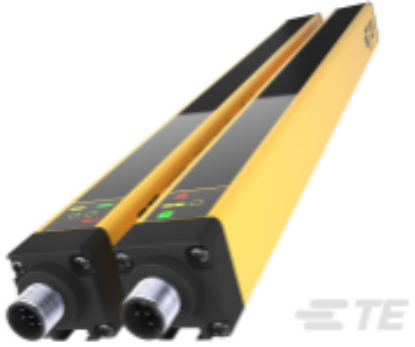
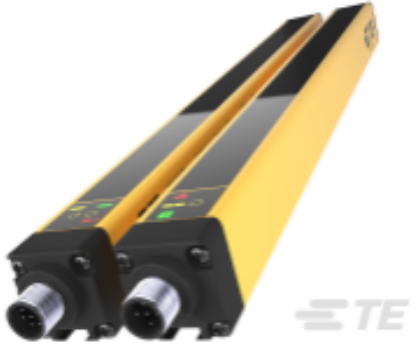
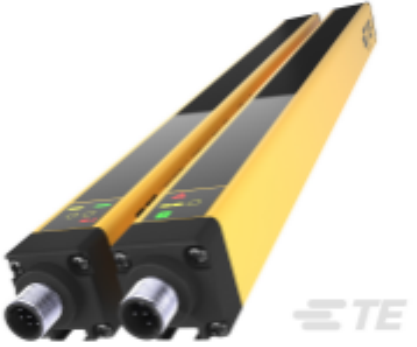
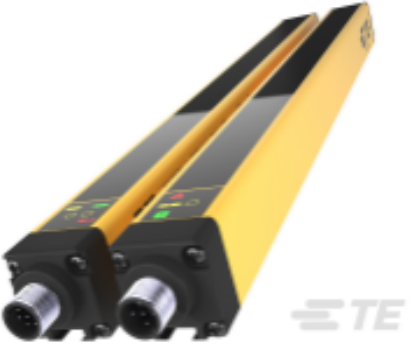
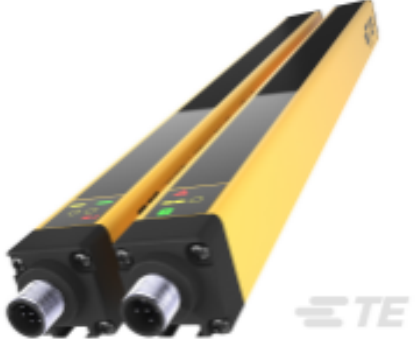
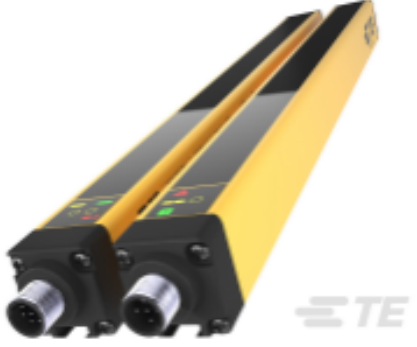
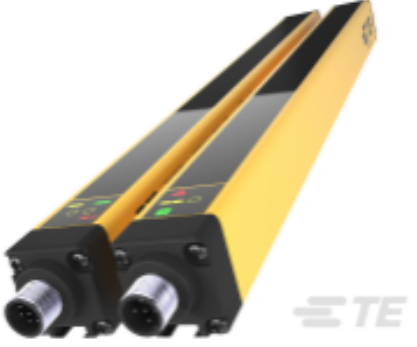
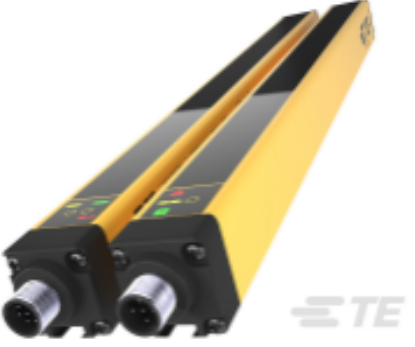
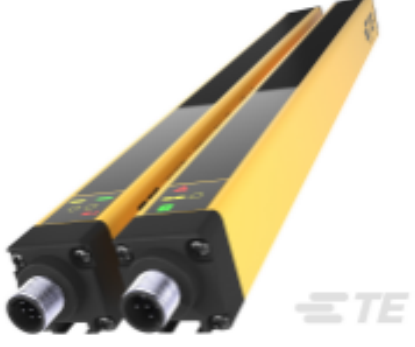
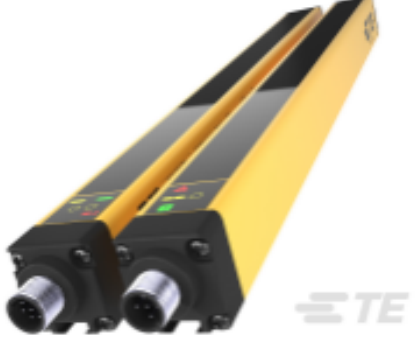
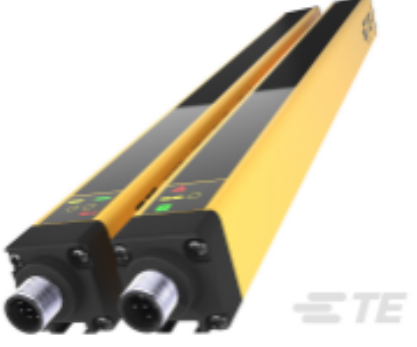
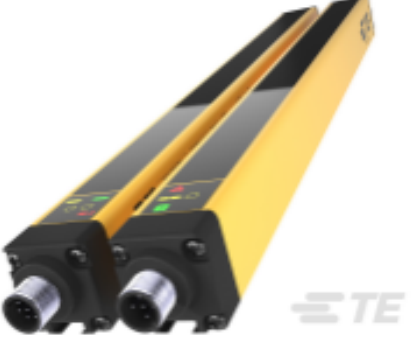
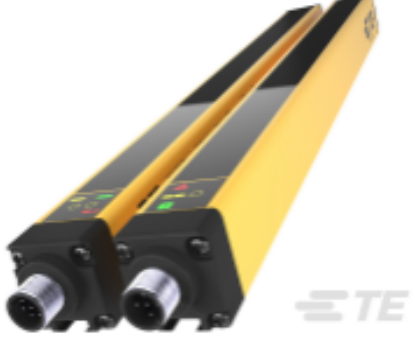
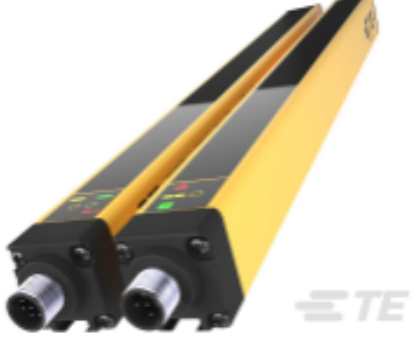
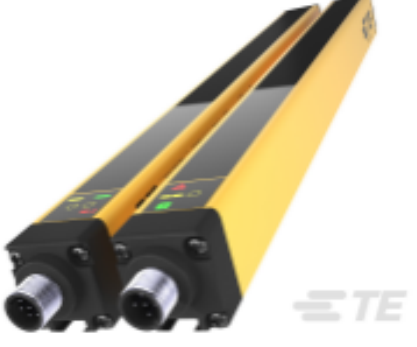
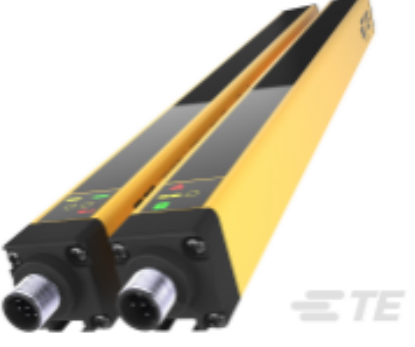
|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant  |
| EU ELV Directive 2000/53/EC                   | Not Yet Reviewed   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free  |
| Solder Process Capability                     | Not reviewed for solder process capability   |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



|  |  |   |   |
|--|--|---|---|
|  <p>TE Part # 2446038-1<br/>SLC4-H30-016</p>      |  <p>TE Part # 2446038-2<br/>SLC4-H30-026</p>      |  <p>TE Part # 2447896-1<br/>SLC4-H40-016</p>     |  <p>TE Part # 1-2447897-3<br/>SLC4-B50-136</p>   |
|  <p>TE Part # 1-2447899-5<br/>SLC4-B90-151</p>   |  <p>TE Part # 2-2447899-2<br/>SLC4-B90-226</p>   |  <p>TE Part # 2447903-7<br/>SLC4-H40-076L</p>   |  <p>TE Part # 2447904-3<br/>SLC4-B50-031L</p>   |
|  <p>TE Part # 2447904-7<br/>SLC4-B50-076L</p>   |  <p>TE Part # 1-2447904-3<br/>SLC4-B50-136L</p> |  <p>TE Part # 1-2447908-6<br/>SLC2-H40-166</p> |  <p>TE Part # 2-2447908-1<br/>SLC2-H40-211</p> |
|  <p>TE Part # 1-2447901-9<br/>SLC4-H20-196L</p> |  <p>TE Part # 2447902-6<br/>SLC4-H30-061L</p>   |  <p>TE Part # 2447899-7<br/>SLC4-B90-076</p>   |  <p>TE Part # 2447903-3<br/>SLC4-H40-031L</p>  |
|  <p>TE Part # 1-2447903-6<br/>SLC4-H40-166L</p> |  <p>TE Part # 1-2447905-3<br/>SLC4-B90-136L</p> |  <p>TE Part # 1-2447899-8<br/>SLC4-B90-181</p> |  <p>TE Part # 2447901-6<br/>SLC4-H20-061L</p>  |

Customers Also Bought






TE Part #58641-1  
PRO-CRIMP TL & DIE MOD IV



TE Part #CAT-C73765-M1G  
M12 Panel Mount Solder Cups



TE Part #1-2447907-2  
SLC2-H30-121



TE Part #0068670005  
TRSA-1019/G/1/9

Documents

Product Drawings

SRS-2NO-1NC

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2447934-1\_C1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2447934-1\_C1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2447934-1\_C1.3d\_stp.zip

English

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Agency Approvals

UL Report

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