2447934-3 ✔ ACTIVE

TE Internal #: 2447934-3

TE Internal Description: SRS-2NO

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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[3.9 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 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.2 – 2.5 mm²
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[328.084 ft]

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

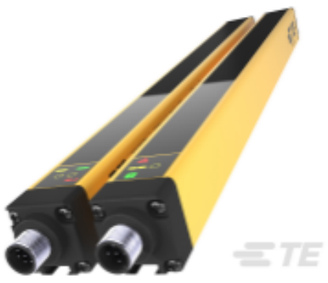
For compliance documentation, visit the product page on TE.com>

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) Candidate List Declared Against: JAN 2025 (247) 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



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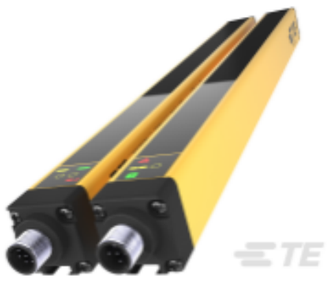
SLC4-F14-181



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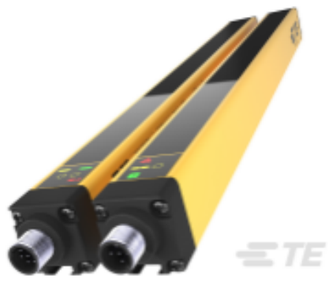
SLC2-B50-046



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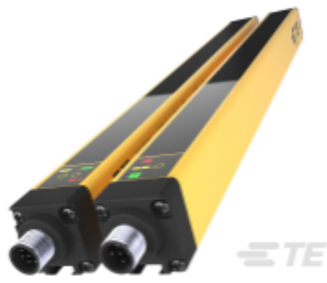

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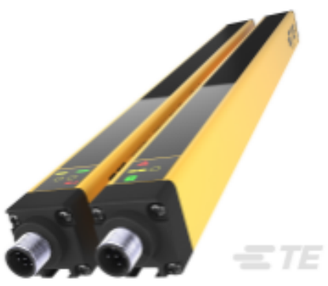

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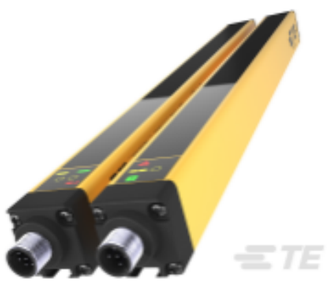
SLC4-B50-196



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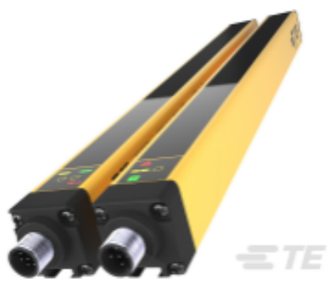

TE Part # 1-2447903-2
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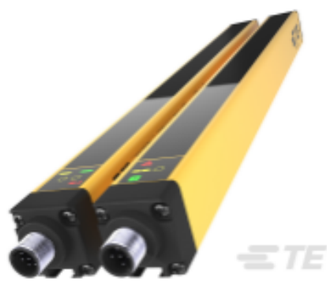

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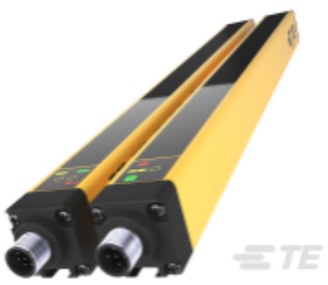

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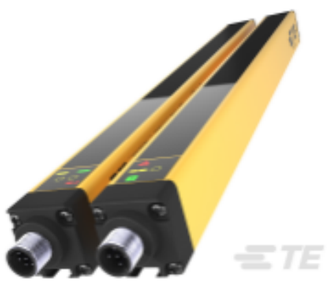

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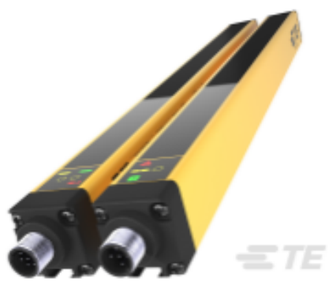

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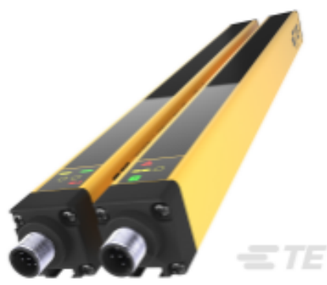
SLC2-B50-211



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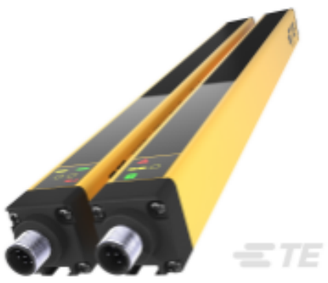

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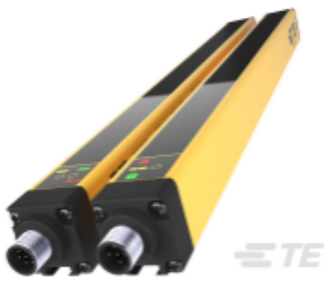

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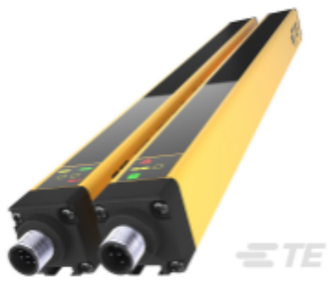

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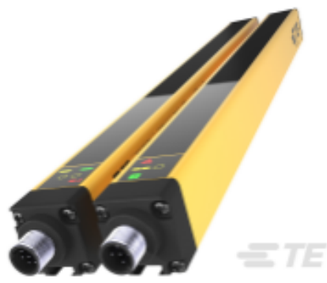
SLC4-H40-106



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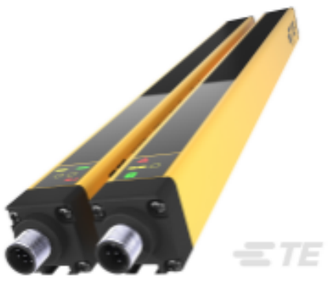

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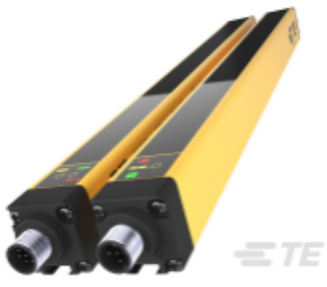

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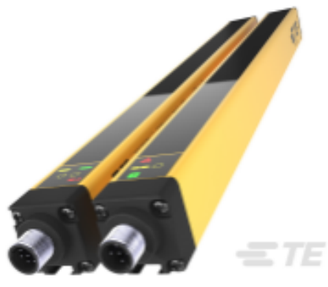

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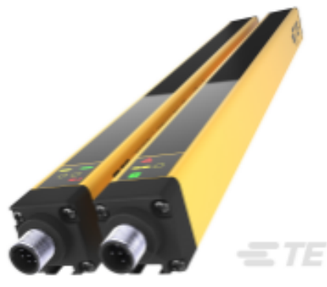

TE Part # 1-2447905-9
SLC4-B90-196L

Documents

Product Drawings

SRS-2NO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2447934-3_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2447934-3_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2447934-3_C1.3d_igs.zip

English

Datasheets & Catalog Pages

Safety Interfaces

English

Safety Products Training

English

Product Specifications

Manuals & User Guides

English

Manuals & User Guides

English

Agency Approvals

UL Report

English