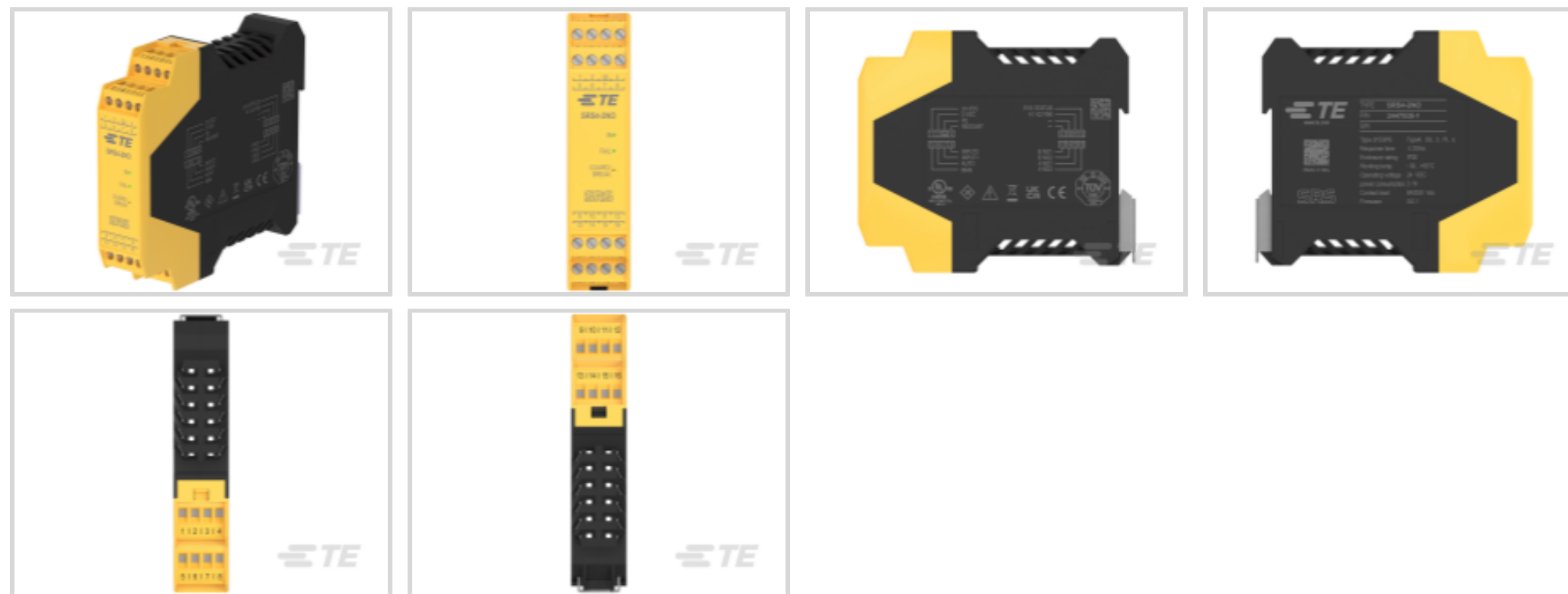




Relays & Contactors > Safety Relays



Impulse Withstand Voltage: 6 kV
 Start & Restart Type: Automatic & Manual
 Type of Contact: NC

Features

Product Type Features

Safety Relay Type	Interface Relay
Shelf Life	20 Years

Configuration Features

Connections Type	16 Terminals Blocks
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Electrical Characteristics

Power Supply Voltage	24 ± 20% VDC
Overvoltage Category	III
Contact Switching Voltage (Max)	250 VAC
Power Rating (Max)	3 W

Body Features

Product Weight	150 g[5.29 oz]
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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
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Product Mount Type	DIN Rail
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Tightening Torque Range (Recommended)	5 – 7 in-lbs
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Housing Features

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

Product Depth	113.5 mm[3.9 in]
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Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 12 AWG
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Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.2 – 2.5 mm ²
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Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.2 – 2.5 mm ²
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Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 12 AWG
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Product Width	.89 mm[22.5 in]
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Product Height	99 mm[3.9 in]
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Cable Length	100 m[328.084 ft]
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Usage Conditions

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

Indicator Type	LED
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Response Time	20 msec
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Protection Function	Overload Protected Status Output
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Mechanical Service Life	10 x 10E6
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Electrical Shelf Life	> 10E5
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Vibration Resistance	15G's, 10 – 2000Hz
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EDM Response Time	300 msec
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Start & Restart Type	Automatic & Manual
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Industry Standards

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

EDM Input Contact Arrangement	1 NC Contact
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Number Of Inputs (EN61131-2 Data Type 3)	5
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Switching Power Details (Max)	1500VA, 180W (85W If Load Voltage >30 VDC)
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Number Of Inputs (EN61131-2 Data Type 2)	1
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Impulse Withstand Voltage	6 kV
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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



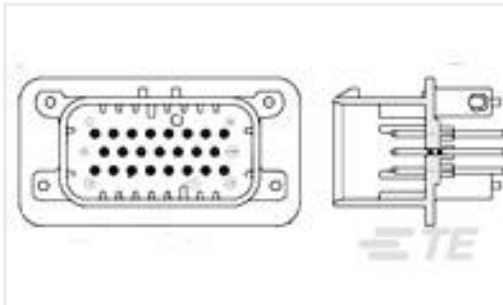
Customers Also Bought



TE Part #5053144070
RNF-100-3/8-0-SP



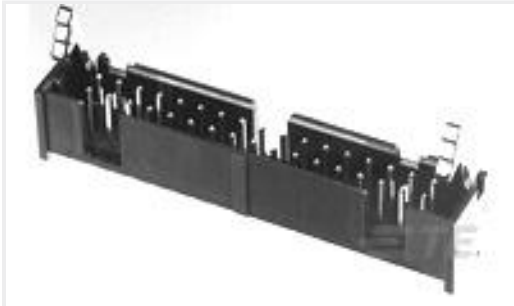
TE Part #641965-1
03P UMNL PIN HDR ASSY V2 NATL



TE Part #1-776262-1
14POS, PIN DIA 1.3, HDR ASSY,
180DEG, COD 1



TE Part #1658527-7
622-1641LF FEM SOCKET, LEAD FREE



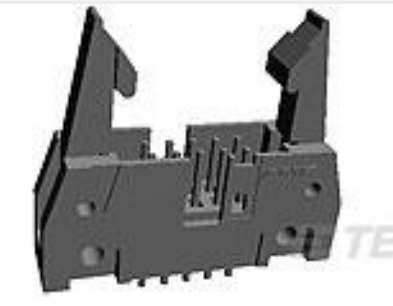
TE Part #2-1761606-6
IDC LOW PRO HDR 16P VERT LAT
BLUE



TE Part #9-1768016-1
CSL-06925P-9



TE Part #2446038-9
SLC4-H30-091



TE Part #5499206-8
A/L UNIV HDR 34P VERT LAT



TE Part #5747845-6
15 MSFL RCPT RA 318 (SL, FM, BL)

Documents

Product Drawings

[SRS4-2NO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2447935-1_C1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2447935-1_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2447935-1_C1.3d_igs.zip](#)

English

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Datasheets & Catalog Pages



Safety Light Curtains

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Safety Interfaces

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Safety Products Training

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Product Specifications

Manuals & User Guides

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Agency Approvals

UL Report

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