

INDUSTRIAL COMPONENT DATA

ESR5-NO-21-24VAC-DC 118700 Y7-118700 EATON ELECTRIC

Safety relay emergency stop/protective door, 24VDC/AC, 2..

Brand: EATON - MOELLER | Manufacturer Part Number: ESR5-NO-21-24VAC-DC



Manufacturer	EATON - MOELLER
MPN / Reference	ESR5-NO-21-24VAC-DC
Catalog number	Y7-118700
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-7EDA1D0994
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Product Overview

Safety relay emergency stop/protective door, 24VDC/AC, 2 enabling paths

ESR5-NO-21-24VAC-DC

Safety relay dual-channel, for implementing the basic functions emergency switching off, emergency stop, and protective door, supply voltage 24VDC or 24VAC 50/60Hz, 2 Enable current paths (IEC/EN 60204 Stop category 0), 1 signal current path, busbar tag shroud to EN 50274 with vertical actuation from the front finger- and back-of-hand proof, suitable for cat. 4 according to EN 954-1 / PL e according to EN ISO 13849-1 / SILCL 3 according to IEC 62061 / SIL 3 according to IEC 61508, degree of protection IP20, installation location IP54 minimum, TÜV tested, rated impulse voltage 6 kV / safe isolation, reinforced insulation

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path EATON - MOELLER > Relay timers (KETR, KEMR, KESR)

Additional Product Information

General specifications

Product Name Eaton ESR5 Safety relay Catalog Number 118700 Model Code ESR5-NO-21-24VAC-DC EAN

4015081168408 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight 0.165 kg

Certifications IEC 61508, Parts 1-7

UL

UL 508

IEC/EN 60204

UL report applies to both US and Canada

UL File No.: E29184

Certified by UL for use in Canada

CSA-C22.2 No. 14-95

EN 50178

CE

IEC 62061

2014/30/EU

CSA Class No.: 3211-83; 3211-03

EN ISO 13849-1

UL Category Control No.: NKCR; NKCR7

Machines 2006/42/EG Feature & Functions

Electric connection type Screw connection Features 2 Non-delayed enable current paths

Reinforced insulation

Safe insulation

Automatic reset Fitted with: Approval according to UL

Approval for TÜV

Detachable clamps

Feedback circuit

Start input Functions 1-channel

2-channel Material Enclosure: Polyamide (PA), not reinforced

Contacts: silver tin oxide, gold plated (AgSnO₂, 0.2 µm Au) General information

Connection type M3 screw terminals Current consumption 140 mA, AC

65 mA, DC Degree of protection Installation location: >= IP54

Terminals: IP20

Enclosure: IP20

IP20 Duty factor 100 % Emitted interference According to EN 61000-6-4 Interference immunity According to EN 662061_x

According to EN-61000-6-2 LED indicator Status indication of SmartWire-DT network: Green LED Lifespan, mechanical

10,000,000 Operations Lifetime 240 month Model Basic device Mounting method Rail mounting possible

Top-hat rail fixing (according to IEC/EN 60715, 3...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / ESR5-NO-21-24VAC-DC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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