

INDUSTRIAL COMPONENT DATA

ESR5-NZ-21-24VAC-DC 118703 Y7-118703 EATON ELECTRIC

Safety two-hand relay, 24VDC/AC, 2-channel, 2 enabling p..

Brand: EATON - MOELLER | Manufacturer Part Number: ESR5-NZ-21-24VAC-DC



Manufacturer	EATON - MOELLER
MPN / Reference	ESR5-NZ-21-24VAC-DC
Catalog number	Y7-118703
Category	Two-hand control relay
Minimum order	1 Pcs
Document ID	EO-9D0E001F07
Generated	2026-08-05

Product Overview

Safety two-hand relay, 24VDC/AC, 2-channel, 2 enabling paths

ESR5-NZ-21-24VAC-DC

Two-hand relay dual-channel, for implementing the basic functions protective door and two-hand function, 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 applications to EN574 TypIIIC, 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 118703 Model Code ESR5-NZ-21-24VAC-DC EAN

4015081168439 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight 0.165 kg

Certifications IEC 62061

UL

CSA-C22.2 No. 14-95

EN 50178

CE

UL Category Control No.: NKCR; NKCR7

UL 508

UL report applies to both US and Canada

UL File No.: E29184

IEC 61508, Parts 1-7

2014/30/EU

IEC/EN 60204

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

EN 574 Part no. IIIC

Certified by UL for use in Canada

EN ISO 13849-1

Machines 2006/42/EG Feature & Functions

Electric connection type Screw connection Features Reinforced insulation

Automatic start

2 Non-delayed enable current paths

Basic insulation

Monitoring of external contactor/expansion unit

Safe insulation Fitted with: Approval according to UL

Detachable clamps

Feedback circuit

Approval for TÜV Functions 2-channel

Two-hand function Material Contacts: silver tin oxide, gold plated (AgSnO₂, 0.2 µm Au)

Enclosure: Polyamide (PA), not reinforced General information

Connection type M3 screw terminals Current consumption 60 mA, DC

125 mA, AC Degree of protection IP20

Terminals: IP20

Installation location: >= IP54

Enclosure: IP20 Duty factor 100 % Emitted interference According to EN 61000-6-4 Interference immunity 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 Mounting method Rail mounting possible

Top-hat rail...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / ESR5-NZ-21-24VAC-DC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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