

INDUSTRIAL COMPONENT DATA

ESR5-NV3-30 118705 Y7-118705 EATON ELECTRIC Safety relay emergency stop/protective door/light curtain, 24 V ..

Brand: EATON - MOELLER | Manufacturer Part Number: ESR5-NV3-30



Manufacturer	EATON - MOELLER
MPN / Reference	ESR5-NV3-30
Catalog number	Y7-118705
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-27B7223C53
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Product Overview

Safety relay emergency stop/protective door/light curtain, 24 V DC, 4 enabling paths(2del.)

ESR5-NV3-30

Safety relay dual-channel, off-delayed, for implementing the basic functions emergency switching off, emergency stop, and light curtain, supply voltage 24VDC, 2 Enable current paths (IEC/EN 60204 Stop category 0), 2 Enable current paths (IEC/EN 60204 Stop category 1), 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 / SILCL3 according to IEC 62061 / SIL3 only for High-Demand requirements, degree of protection IP20, installation location IP54 minimum, TÜV tested , rated impulse voltage 4 kV / basic isolation

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 118705 Model Code ESR5-NV3-30 EAN 4015081168453 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight 0.171 kg Certifications EN ISO 13849-1

CE

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

IEC 61508, Parts 1-7

UL File No.: E29184

UL 508

UL report applies to both US and Canada

IEC/EN 60204

EN 50178

Certified by UL for use in Canada

IEC 62061

2014/30/EU

CSA-C22.2 No. 14-95

UL Category Control No.: NKCR; NKCR7

UL

Machines 2006/42/EG Feature & Functions

Electric connection type Screw connection Features Automatic start

Manual start

Basic insulation

2 Non-delayed enable current paths Fitted with: Approval for TÜV

Start input

Selectable cross-circuit detection

Detachable clamps

Feedback circuit

Approval according to UL Functions 1-channel

2-channel

Time 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 75 mA, DC Degree of protection Terminals: IP20

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

According to EN 662061_x LED indicator Status indication of SmartWire-DT network: Green LED Lifespan, mechanical 10,000,000 Operations Lifetime 240 month Model Basic device Mounting method Top-hat rail fixing (according to IEC/EN 60715, 35...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / ESR5-NV3-30 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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