

INDUSTRIAL COMPONENT DATA

ESR5-NE-51-24VAC-DC 118707 Y7-118707 EATON ELECTRIC

Contact expansion module, 24VDC/AC, 5 enabling paths

Brand: EATON - MOELLER | Manufacturer Part Number: ESR5-NE-51-24VAC-DC



Manufacturer	EATON - MOELLER
MPN / Reference	ESR5-NE-51-24VAC-DC
Catalog number	Y7-118707
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-45911E0EB3
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Product Overview

Contact expansion module, 24VDC/AC, 5 enabling paths

ESR5-NE-51-24VAC-DC

Contact expansion module, non-delayed, to extend the contacts on safety logic modules and time function, supply voltage 24VDC or 24VAC 50/60Hz, 5 Enable current paths (IEC/EN 60204 Stop category 0) - the base unit determines the maximum safety category according to IEC 61508 and IEC 60204, 2 signal current paths, 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 according to IEC61508, degree of protection IP20, installation location IP54 minimum, TÜV tested , rated impulse voltage 4 kV / basic isolation (safe isolation, reinforced insulation and 6 kV between input current circuit and enable contacts)

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 Contact expansion module Catalog Number 118707 Model Code ESR5-NE-51-24VAC-DC EAN 4015081168477 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight 0.21 kg

Certifications UL report applies to both US and Canada

UL Category Control No.: NKCR; NKCR7

Certified by UL for use in Canada

IEC 61508, Parts 1-7

EN ISO 13849-1

CE

UL 508

2014/30/EU

UL File No.: E29184

IEC/EN 60204

CSA-C22.2 No. 14-95

UL

IEC 62061

EN 50178

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

Machines 2006/42/EG Catalog Notes The base unit determines the maximum stop category according to IEC 61508 and IEC 60204 Feature & Functions

Electric connection type Screw connection Features Safe insulation

6 kV between A1/A2, 11/12, 23/24, 71/72 and 33/34, 43/44, 53/54, 63/64

5 Non-delayed enable current paths

Basic insulation

Basic isolation

Reinforced insulation Fitted with: Feedback circuit

Approval according to UL

Approval for TÜV

Detachable clamps Functions 1-channel 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 92 mA, AC

92 mA, DC Degree of protection Terminals: IP20

Installation location: >= IP54

IP20

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, mechan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / ESR5-NE-51-24VAC-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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