

INDUSTRIAL COMPONENT DATA

ESR5-NO-31-UC 191796 Y7-191796 EATON ELECTRIC Safety relay emergency stop/protective door/light curtain moni..

Brand: EATON - MOELLER | Manufacturer Part Number: ESR5-NO-31-UC



Manufacturer	EATON - MOELLER
MPN / Reference	ESR5-NO-31-UC
Catalog number	Y7-191796
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-76375306F3
Generated	2026-08-06

Product Overview

Safety relay emergency stop/protective door/light curtain monitoring with wide range input, 24 V-230 VDC/AC
ESR5-NO-31-UC

Safety relay for controlled stop, safety doors and light curtains up to SILCL 3, cat. 4, PL e, 1- or 2-channel operation, automatic or manual, monitored start, 3 enable paths, 1 signaling current path, US = 24 ... 230V AC/DC, pluggable screw terminal

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)
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Additional Product Information

General specifications

Product Name Eaton ESR5 Safety relay Catalog Number 191796 Model Code ESR5-NO-31-UC EAN 4015081923151

Product Length/Depth 114.5 mm Product Height 113 mm Product Width 22.5 mm Product Weight 0.17 kg Certifications

Certified by UL for use in Canada

CSA-C22.2 No. 14-95

IEC/EN 60947-5-1

UL 508

2014/30/EU

CE

IEC 62061

UL report applies to both US and Canada

EN 50156-1

EN ISO 13849-1

UL

UL File No.: E29184

IEC 61508, Parts 1-7

Machines 2006/42/EG Feature & Functions

Electric connection type Screw connection Features Start button monitoring

4 kV basic insulation between all current paths and enclosure

4 kV basic insulation between 23/24 and 33/34 enable signal current paths and 41/42 signaling current path

Manual start

3 Non-delayed enable current paths

Safe insulation

Automatic start

6 kV reinforced insulation between all other current paths Fitted with: Detachable clamps

Approval according to UL

Start input

Feedback circuit Functions 2-channel

1-channel General information

Connection type M3 screw terminals Degree of protection Terminals: IP20

Installation location: >= IP54

IP20

Enclosure: IP20 LED indicator Status indication of SmartWire-DT network: Green LED Lifetime 240 month Model Basic device Mounting method Top-hat rail fixing (according to IEC/EN 60715, 35 mm)

Rail mounting possible Mounting width 22.5 mm Overvoltage category III Pollution degree 2 Product category Electronic safety relays Safety performance level (EN ISO 13849-1) Level e Safety para...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / ESR5-NO-31-UC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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