

INDUSTRIAL COMPONENT DATA

ESR5-BWS-31-24VAC-DC 180413 Y7-180413 EATON ELECTRIC Safety relays for controlled stop/protective door/light..

Brand: EATON - MOELLER | Manufacturer Part Number: ESR5-BWS-31-24VAC-DC



Manufacturer	EATON - MOELLER
MPN / Reference	ESR5-BWS-31-24VAC-DC
Catalog number	Y7-180413
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-D1CE4277C0
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Product Overview

Safety relays for controlled stop/protective door/light curtain monitoring, 24 V DC/AC, 3 enabling paths

ESR5-BWS-31-24VAC-DC

Safety relay for implementing emergency stop / protective door and light curtain monitoring basic functions up to SIL 3 or Cat. 4, PL e according to EN ISO 13849, single-channel or dual-channel operation, 3 enable current paths, input rated voltage 24 V AC/DC

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 180413 Model Code ESR5-BWS-31-24VAC-DC EAN

4015081755677 Product Length/Depth 114.5 mm Product Height 99 mm Product Width 22.5 mm Product Weight 0.165 kg

Certifications UL Category Control No.: NKCR; NKCR7

UL report applies to both US and Canada

UL File No.: E29184

CSA-C22.2 No. 14-95

EN ISO 13849-1

IEC/EN 61000-6-4

CE
IEC 62061
2014/30/EU
IEC/EN 60204
IEC/EN 61000-6-2
UL
Certified by UL for use in Canada
CSA Class No.: 3211-83; 3211-03
UL 508
Machines 2006/42/EG Feature & Functions
Electric connection type Screw connection Features External contactor monitoring
Safe insulation
6 kV between input circuit and enable current paths
Basic insulation
Automatic/manually controlled start
Feedback current path
3 Non-delayed enable current paths
Reinforced insulation Fitted with: Feedback circuit
Detachable clamps
Approval for TÜV
Approval according to UL Functions 2-channel
1-channel General information
Connection type M3 screw terminals Current consumption 150 mA, AC
70 mA, DC Degree of protection Terminals: IP20
Installation location: >= IP54
Enclosure: IP20
IP20 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 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 Power los...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / ESR5-BWS-31-24VAC-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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