

## INDUSTRIAL COMPONENT DATA

# 1SVR730831R0300 ABB CM-ESS.1S Voltage monitoring relay 1c/o, B-C 3-600VRMS, 110-130VAC

Brand: ABB | Manufacturer Part Number: 1SVR730831R0300



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | ABB                      |
| MPN / Reference | 1SVR730831R0300          |
| Catalog number  | 730831                   |
| Category        | Voltage monitoring relay |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-5D6EBBE45D            |
| Generated       | 2026-08-06               |

## Product Overview

CM-ESS.1S Voltage monitoring relay 1c/o, B-C=3-600VRMS, 110-130VAC

CM-ESS.1S RELe CTL TENSIO<sub>N</sub> MONOF 1 C/C T

CM-ESS.1S.B 600V, AL. 110-130 VAC-SCREW

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path ABB &gt; Electronic relays &gt; Monitoring

## Additional Product Information

The CM-ESS.1S is a single-functional voltage monitoring relay from the CM single-phase monitors range. This monitoring relay operates with a rated control supply voltage of 110 - 130 V AC and has a 1 c/o (SPDT) output contact rated at 250 V / 4 A. It provides a RMS measuring principle for DC and AC voltages with 4 measuring ranges: 3-30 V, 3-60 A, 30-300 V and 60-600 V and works according to the open-circuit principle. The CM-ESS.1S is configurable for over- or undervoltage monitoring, the hysteresis is adjustable within a range of 3 to 30 % of the threshold value. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

Ordering

EAN:4016779852180

Minimum Order Quantity:1 piece

Customs Tariff Number:85364900

Container Information

Package Level 1 Units:1 piece

Package Level 1 Width:97 mm

Package Level 1 Height:109 mm

Package Level 1 Length:30 mm

Package Level 1 Gross Weight:0.186 kg

#### Dimensions

Product Net Width:22.5mm

Product Net Depth:103.7mm

Product Net Height:85.6mm

Product Net Weight:0.164kg

#### Technical

Function:Over- or undervoltage monitoring

Measuring Range:3 ... 30 V

6 ... 60 V

30 ... 300 V

60 ... 600 V

Rated Control Supply Voltage (Us):110 ... 130 V AC

Output:1 c/o (SPDT) contact

Terminal Type:Screw Terminals

Rated Operational Current AC-12 (Ie):(230 V) 4 A

Rated Operational Current AC-15 (Ie):(230 V) 3 A

Rated Operational Current DC-1...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SVR730831R0300 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.