

**INDUSTRIAL COMPONENT DATA**

# 1SAZ701902R0001 ABB DB42 Single Mounting Kit

Brand: ABB | Manufacturer Part Number: 1SAZ701902R0001



|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| Manufacturer    | ABB                                                       |
| MPN / Reference | 1SAZ701902R0001                                           |
| Catalog number  | 701902                                                    |
| Category        | Accessories/spare parts for low-voltage switch technology |
| Minimum order   | 1 Pcs                                                     |
| Document ID     | EO-EFE12B98FD                                             |
| Generated       | 2026-08-01                                                |

## Product Overview

DB42 Single Mounting Kit

DB42 INDEPENDENT ASSEMBLY KIT RELe TF42

**STRUCTURED PRODUCT DATA**

## Technical Specifications

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

## Classification & Catalog Path

Catalog path      **ABB > Contactors and overload relays > Thermal Relays**

## Additional Product Information

**Ordering**

Minimum Order Quantity 1 piece

Customs Tariff Number 85389099

**Popular Downloads**

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 2CDC106025M6802

Instructions and Manuals (Part 2) 1SAC200017M0002

CAD Dimensional Drawing 2CDC001079B0201

Dimension Diagram 1SAZ700410F0001

**Dimensions**

Product Net Width 50 mm

Product Net Height 102 mm

Product Net Depth / Length 108 mm

Product Net Weight 0.087 kg

**Technical**

Rated Operational Voltage Main Circuit 690 V AC  
Rated Operational Current (Ie) 40 A  
Rated Operational Current AC-3 (Ie) 40 A  
Rated Frequency (f) Main Circuit 50 Hz  
Main Circuit 60 Hz  
Rated Impulse Withstand Voltage (Uimp) Auxiliary Circuit 6 kV  
Main Circuit 6 kV  
Rated Insulation Voltage (Ui) 690 V  
Number of Poles 3P  
Degree of Protection IP20  
Pollution Degree 3  
Connecting Capacity Main Circuit Flexible with Ferrule 1x 0.75 ... 10 mm<sup>2</sup>  
Flexible with Insulated Ferrule 1x 0.75 ... 10 mm<sup>2</sup>  
Flexible 1x 0.75 ... 10 mm<sup>2</sup>  
Rigid 1x 0.75 ... 2.5 mm<sup>2</sup>  
Tightening Torque Main Circuit 1.5 ... 2.7 N·m  
Wire Stripping Length Main Circuit 12 mm  
Recommended Screw Driver Pozidriv 2  
Mounting Position 1 ... 5  
Suitable For TF42  
Standards CSA 22.2 No. 14  
IEC/EN 60947-1  
IEC/EN 60947-4-1  
UL 508  
Technical UL/CSA  
Maximum Operating Voltage UL/CSA Main Circuit 600 V AC  
Connecting Capacity Main Circuit UL/CSA Flexible 1x 18-6 AWG  
Stranded 1x 18-6 AWG  
Tightening Torque UL/CSA Main Circuit 13 ... 22 in·lb  
Environmental  
Resistance to Shock acc. to IEC 60068-2-27 11 ms Pulse 25g  
Resist...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAZ701902R0001 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

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