

**INDUSTRIAL COMPONENT DATA**

# 1SAL101842R9901 ABB MC1CA00ATWD Mini Contactor

Brand: ABB | Manufacturer Part Number: 1SAL101842R9901



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | ABB                           |
| MPN / Reference | 1SAL101842R9901               |
| Catalog number  | 101842                        |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-06964B39FF                 |
| Generated       | 2026-08-01                    |

## Product Overview

MC1CA00ATWD Mini Contactor

MC1CA00ATWD Mini Contactor 24 V DC - 0 NO - 4 NC - Screw Terminals

**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 |
|--------------|--------------------------------------|

## Additional Product Information

**Ordering**

Minimum Order Quantity 1 piece

Customs Tariff Number 85365080

**Popular Downloads**

EPLAN Data 9AAC426184\_EPLAN

Data Sheet, Technical Information 1SBC100214C0202

Instructions and Manuals 2CDC103061M6801

CAD Dimensional Drawing 2CDC001079B0201

**Dimensions**

Product Net Width 45 mm

Product Net Depth / Length 68 mm

Product Net Height 48 mm

Product Net Weight 0.25 kg

**Technical**

Number of Main Contacts NO 0

Number of Main Contacts NC 4  
Number of Auxiliary Contacts NO 0  
Number of Auxiliary Contacts NC 0  
Number of Poles 4P  
Standards IEC/EN 60947-1  
IEC/EN 60947-4-1  
UL 60947-1  
UL 60947-4-1  
Rated Operational Voltage Main Circuit 690 V AC  
Main Circuit 440 V DC  
Rated Frequency (f) Control Circuit DC  
Main Circuit 50 Hz  
Main Circuit 60 Hz  
Main Circuit DC  
Conventional Free-air Thermal Current (Ith) Main Circuit 20 A  
Rated Operational Current AC-1 (Ie) (690 V) 55 °C 20 A  
(690 V) 70 °C 16 A  
(230 V) 55 °C 20 A  
(230 V) 70 °C 16 A  
(400 V) 55 °C 20 A  
(400 V) 70 °C 16 A  
(500 V) 55 °C 20 A  
(500 V) 70 °C 16 A  
Rated Operational Current AC-3 (Ie) (230 V) 55°C 9 A  
(400 V) 55 °C 9 A  
(500 V) 55 °C 8 A  
(690 V) NC 55°C 4 A  
Rated Operational Power AC-3 (Pe) (230 V) Three Phase 2.2 kW  
(400 V) Three Phase 4 kW  
(500 V) Three Phase 4 kW  
(690 V) Three Phase, NC 3 kW  
Rated Breaking Capacity AC-3 8 x Ie / AC-3  
Rated Making Capacity AC-3 10 x Ie / AC-3  
Rated Short-time Withstand Current Low Voltage (Icw) at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 72 A  
Rated Insulation Voltage (Ui) 750 V  
Rated Impu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAL101842R9901 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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