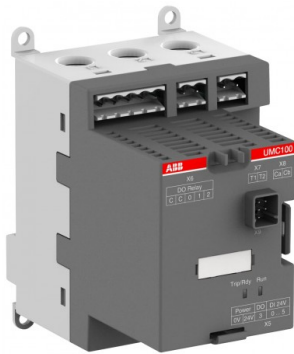


INDUSTRIAL COMPONENT DATA

1SAJ530000R1200 ABB UMC100 Universal Motor Controller 110-240V ATEX

Brand: ABB | Manufacturer Part Number: 1SAJ530000R1200



Manufacturer	ABB
MPN / Reference	1SAJ530000R1200
Catalog number	530000
Category	Motor management device
Minimum order	1 Pcs
Document ID	EO-3C73019D34
Generated	2026-08-03

Product Overview

UMC100 Universal Motor Controller 110-240V ATEX
UMC100.3 UC EX CONT. UNIV. ATEX ENGINE
UMC100.3 UC, Supply 110-240 V AC/DC, ATEX, 6 DI, 4 DO, PTC,

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path ABB > Electronic relays > UMC and accessories

Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85371091

Product Main Type UMC100.3 UC

Popular Downloads

Data Sheet, Technical Information 2CDC135033D0202

Instructions and Manuals 1SAC200340M0001

Ex Operating Instructions 1SAC200340M0001

CAD Dimensional Drawing 2CDC001079B0201

EPLAN Data 9AAC181892_EPLAN

Dimensions

Product Net Width 70 mm

Product Net Depth / Length 107 mm

Product Net Height 106 mm
Product Net Weight 315 g
Technical
Connecting Capacity 1x 0.2-2.5 mm²
Minimum Mounting Distance 0 mm
Mounting Position 1 ... 6
Number of Poles 3P
Pollution Degree 3
Power Loss Approximately 3.5 W
Rated Control Supply Voltage (Us) 110 ... 240 V AC/DC
Rated Frequency (f) Main Circuit 50 Hz
Main Circuit 60 Hz
Supply Circuit 50/60 Hz
Rated Impulse Withstand Voltage (Uimp) Auxiliary Circuit 4 kV
Rated Operational Current (Ie) 63 A
Rated Operational Voltage Main Circuit 690 V AC
Main Circuit 1000 V AC
Recommended Screw Driver Pozidriv 1
Setting Range 0.24 ... 63 A
Standards CAN/CSA C22.2 No.60947-1
CAN/CSA C22.2 No.60947-4-1
IEC/EN 60079-7
IEC/EN 60947-1
IEC/EN 60947-4-1
IEC/EN 60947-5-1
IEC/EN 60947-8
UL 508
Terminal Type Screw Terminals
Tightening Torque Auxiliary Circuit 0.5 N·m
Control Circuit 0.5 N·m
Trip Class class 5E
class 10E
class 20E
class 30E
class 40E
Wire Stripping Length 7 mm
Technical UL/CSA
Connecting Capacity UL/CSA 1x 28-12 AWG
Maximum Operating Voltage UL/CSA Auxiliary Circuit 230 V AC/DC
Main Circuit 600 V AC
Tightening Torque UL/CSA Auxiliary Circuit 8...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAJ530000R1200 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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