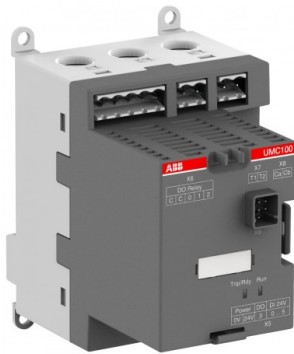


INDUSTRIAL COMPONENT DATA

1SAJ530000R1100 ABB UMC100.3 UC Universal Motor Controller 110-240 V AC/DC

Brand: ABB | Manufacturer Part Number: 1SAJ530000R1100



Manufacturer	ABB
MPN / Reference	1SAJ530000R1100
Catalog number	530000
Category	Motor management device
Minimum order	1 Pcs
Document ID	EO-9822AAE0CE
Generated	2026-08-03

Product Overview

UMC100.3 UC Universal Motor Controller 110-240 V AC/DC

UMC100 Universal Motor Controller 110-24

UMC100.3 UC, Supply 110-240 V AC/DC, 6DI, 4 DO, PTC input

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 2CDC135032D0204

Instructions and Manuals 1SAC200339M0001

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 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 in·lb

Control Circuit 8 in·lb

Environmental

Ambient Air....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAJ530000R1100 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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