



Electric Automation
Automation specialists

Reference: UMC100.3 DC
Code: 1SAJ530000R0100

UMC100.3 DC Universal Motor Controller
24 V DC Replaces UMC100
1SAJ520000R0101

Buy it at Electric Automation Network



UMC100.3 DC Universal Motor Controller 24 V DC Replaces UMC100
1SAJ520000R0101

Ordering

EAN:	4013614496912
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85371091
Replacement Product ID (NEW):	1SAJ520000R0100, 1SAJ520000R0101

Dimensions

Product Net Width:	70 mm
Product Net Height:	106 mm
Product Net Depth:	107 mm
Product Net Weight:	275 g

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	142 mm
Package Level 1 Height:	117 mm
Package Level 1 Length:	122 mm

Package Level 1 Gross Weight:	280 g
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Environmental

Ambient Air Temperature:	Operation 0 ... +60 °C Storage -20 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	15g / 1 shock / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	4g, 2 ... 100 Hz

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 600 V AC Auxiliary Circuit 230 V AC
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Additional Information

Adjustable Rated Motor Current I _e :	63 A
Analog Inputs:	0
Analog Outputs:	0
Degree of Protection:	IP20
Number of Digital Inputs AC 230V:	0
Number of Digital Inputs DC 24V:	6
Number of Digital Output Relays:	3
Number of Digital Outputs DC 24V:	1
Number of Poles:	3
Pollution Degree:	3
Power Loss:	Approximately 3 W
Product Main Type:	UMC100.3 DC
Product Name:	Universal Motor Controller
Rated Control Supply Voltage (U _s):	24 V DC
Rated Frequency (f):	Main Circuit 50 Hz Main Circuit 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	Auxiliary Circuit 4 kV
Rated Operational Current (I _e):	63 A
Rated Operational Voltage:	Main Circuit 690 V AC Main Circuit 1000 V AC
Setting Range:	0.24 ... 63 A
Standards:	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 IEC/EN 60947-8 UL 60947-1 UL 60947-4-1

Certificates and Declarations (Document Number)

CB Certificate:	DK-41658-A1-UL
cULus Certificate:	20141015-E48139
Data Sheet, Technical Information:	2CDC135032D0201
Declaration of Conformity - CE:	1SAD938500-0221
RoHS Information:	9AAK10103A5330

Classifications

eClass:	7.0 27370804
ETIM 5:	EC002572 - Electronic motor control and protection device
Object Classification Code:	B