

UMC100.3 UC



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

General Information

Extended Product Type	UMC100.3 UC
Product ID	1SAJ530000R1100
EAN	4013614496929
Catalog Description	UMC100.3 UC, Supply 110-240 V AC/DC, 6DI, 4 DO, PTC input
Long Description	UMC100.3 UC, Supply 110-240 V AC/DC, 6DI, 4 DO, PTC input

Ordering

EAN	4013614496929
Minimum Order Quantity	1 piece
Customs Tariff Number	85371091

Dimensions

Product Net Width	70 mm
Product Net Height	106 mm
Product Net Depth / Length	107 mm
Product Net Weight	315 g

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	142 mm
Package Level 1 Height	117 mm
Package Level 1 Depth / Length	122 mm
Package Level 1 Gross Weight	325 g
Package Level 1 EAN	4013614496929

Environmental

Ambient Air Temperature	Operation 0 ... +60 °C Storage -25 ... +70 °C
Resistance to Vibrations acc. to IEC 60068-2-6	4g, 2 ... 100 Hz
Resistance to Shock acc. to IEC 60068-2-27	15g / 1 shock / 11 ms
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

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

Adjustable Rated Motor Current I_e	63 A
Analog Inputs	0
Analog Outputs	0
Degree of Protection	IP20
Mounting Position	Any, Position 1-6
Number of Poles	3
Number of Digital Inputs AC 230V	0
Number of Digital Inputs DC 24V	6
Number of Digital Outputs DC 24V	1
Number of Digital Output Relays	3
Pollution Degree	3
Power Loss	Approximately 3.5 W
Product Main Type	UMC100.3 UC
Product Name	Universal Motor Controller
Rated Control Supply Voltage (U_s)	110 ... 240 V AC/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 60947-8 IEC/EN 60947-5-1 UL 508 CAN/CSA C22.2 No.60947-1 CAN/CSA C22.2 No.60947-4-1

Certificates and Declarations (Document Number)

CB Certificate	DK-41658-A1-UL
cULus Certificate	20141015-E48139
Data Sheet, Technical Information	2CDC135032D0204
Declaration of Conformity - CE	1SVD981038-0001
Instructions and Manuals	2CDC135035M6801
RoHS Information	1SVD981038-0001

Classifications

ETIM 5	EC002572 - Electronic motor control and protection device
ETIM 6	EC002572 - Motor management device

ETIM 7	EC002572 - Motor management device
Object Classification Code	B
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	7.0 27370804

Categories

Low Voltage Products and Systems → Control Products → Motor Controllers → Universal Motor Controllers

