PRODUCT-DETAILS

UMC100.3 DC

UMC100.3 DC, Supply 24 V DC, 6 DI, 4 DO, PTC input



General Information

Extended Product Type	UMC100.3 DC
Product ID	1SAJ530000R0100
EAN	4013614496912
Catalog Description	UMC100.3 DC, Supply 24 V DC, 6 DI, 4 DO, PTC input
Long Description	The intelligent motor controller UMC100.3 DC uses a 24 V DC supply and is suitable to protect against overload. It can be connected to a variety of communication networks and has a wide range of additional parameters to maximize motor protection.

Ordering

E-Number (Finland)	3709067
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 / Length	107 mm
Product Net Weight	275 g

Container Information

Package Level 1 Units	box 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	280 g
Package Level 1 EAN	4013614496912

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	Auxiliary Circuit 230 V AC/DC Main Circuit 600 V AC

Additional Information

Adjustable Rated Motor Current Ie	63 A
Analog Inputs	0
Analog Outputs	0
Degree of Protection	IP20
Mounting Position	Any
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 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	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

Certificates and Declarations (Document Number)

ABS Certificate	17-HG1610225-PDA
CB Certificate	DK-41658-A1-UL
CCC Certificate	2015010309791750
CQC Certificate	CQC2015010309791750
cULus Certificate	20141015-E48139
Data Sheet, Technical Information	2CDC135087V0201
Declaration of Conformity - CCC	2020980309000543
Declaration of Conformity - CE	1SVD981038-0001
DNV GL Certificate	TAA000015X
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	V11.0 : 27370804

Categories

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

