PRODUCT-DETAILS

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	The intelligent motor controller UMC100.3 DC uses a 110...240 V AC/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

Minimum Order Quantity	1 piece
Customs Tariff Number	85371091
Product Main Type	UMC100.3 UC

Popular Downloads

Data Sheet, Technical	2CDC135032D0204

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Information	
Instructions and Manuals	1SAC200339M0001
CAD Dimensional Drawing	2CDC001079B0201

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 (U_S)	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 (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
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	1x 28-12 AWG

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UL/CSA	
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 Temperature	Operation 0 ... +60 °C Storage -25 ... +70 °C
Degree of Protection	IP20
Maximum Operating Altitude Permissible	Without Derating 2000 m
Resistance to Shock acc. to IEC 60068-2-27	15g 1 shock 11 ms
Resistance to Vibrations	4g 2 ... 100 Hz

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SAA983001-4501
RoHS Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	2CMT2023-006538
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

ABS Certificate	17-HG1610225-PDA
ATEX Certificate	Not available
CB Certificate	DK-41658-A1-UL
CCC Certificate	2015010309791750
CQC Certificate	CQC2015010309791750
cULus Certificate	20141015_E48139
Declaration of Conformity - CCC	2020980309000543
Declaration of Conformity - CE	1SVD981038-00
DNV Certificate	TAA000015X-revision4

Container Information

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

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Classifications

eClass	V11.0 : 27370804
E-Number (Finland)	3709069
E-Number (Norway)	4552621
ETIM 6	EC002572 - Motor management device
ETIM 7	EC002572 - Motor management device
ETIM 8	EC002572 - Motor management device
ETIM 9	EC002572 - Motor management device
IDEA Granular Category Code (IGCC)	4354 >> Motor control centers
Object Classification Code	B
UNSPSC	39121104

Categories

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

Mining Solutions → Grinding → Gearless Mill Drives → Control Block (E-House)

Low Voltage Products and Systems → Low Voltage Systems → IEC - Low Voltage Motor Control Centers → MNS 3.0 - MCC

Low Voltage Products and Systems → Service → Spares and Consumables → Parts



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