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 PRODUCT-DETAILS

## AI111.0

AI111.0 Analog inp.-module for UMC100.3 3 inputs PT100, PT100, KTY83, KTY84, NTC, 0-10 V, 0/4-20 mA (successor of 1SAJ613000R0101)




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### General Information

<b>Extended Product Type:</b>	AI111.0
<b>Product ID:</b>	1SAJ613000R0102
<b>EAN:</b>	4013614566219
<b>Catalog Description:</b>	AI111.0 Analog inp.-module for UMC100.3 3 inputs PT100, PT100, KTY83, KTY84, NTC, 0-10 V, 0/4-20 mA (successor of 1SAJ613000R0101)
<b>Long Description:</b>	AI111.0 AI111.0 Analog Input-Module for UMC100, 3 inputs PT100, PT100, KTY83, KTY84, NTC, Supply 24 V DC. Two analogue extension modules can be connected at the same time.
<b>Display Name:</b>	AI111.0

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### Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85176200
<b>Product Main Type:</b>	AI1

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## Popular Downloads

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<b>Data Sheet, Technical Information:</b>	2CDC135032D0204
<b>EPLAN Data:</b>	9AAC159135_EPLAN

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## Dimensions

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<b>Product Net Width:</b>	22.5 mm
<b>Product Net Depth / Length:</b>	105.9 mm
<b>Product Net Height:</b>	85.6 mm
<b>Product Net Weight:</b>	0.148 kg

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## Technical

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<b>Connecting Capacity:</b>	1x 0.75-2.5 mm <sup>2</sup>
<b>Mounting on DIN Rail:</b>	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
<b>Power Loss:</b>	Approximately 1 W
<b>Rated Control Supply Voltage (U<sub>s</sub>):</b>	24 V DC
<b>Recommended Screw Driver:</b>	Pozidriv 1
<b>Standards:</b>	CAN/CSA C22.2 No.61010-1 CAN/CSA C22.2 No.61010-2-201 IEC/EN 61131-2 UL 61010-1 UL 61010-2-201
<b>Sub-Function:</b>	RTD NTC 0/4 - 20 mA
<b>Suitable For:</b>	UMC100.3
<b>Suitable for Product Class:</b>	Universal Motor Controllers
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	Auxiliary Circuit 0.22 N·m Control Circuit 0.6 ... 0.8 N·m
<b>Wire Stripping Length:</b>	7 mm

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## Technical UL/CSA

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<b>Connecting Capacity UL/CSA:</b>	Flexible with Ferrule 1x 18-14 AWG Flexible 1x 18-14 AWG Rigid 1x 20-12 AWG
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## Environmental

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<b>Degree of Protection:</b>	IP20
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## Material Compliance

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<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>REACH Declaration:</b>	1SAA983001-4501
<b>RoHS Declaration:</b>	1SVD981001-4401
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>Toxic Substances Control Act - TSCA:</b>	2CMT2023-006538
<b>WEEE B2C / B2B:</b>	Business To Business
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)

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## Certificates and Declarations

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<b>ABS Certificate:</b>	9AKK106930A7739
<b>ATEX Certificate:</b>	Not available
<b>cULus Certificate:</b>	cULus_20221217_E179811
<b>Declaration of Conformity - CE:</b>	1SVD981085-00
<b>Declaration of Conformity - UKCA:</b>	1SVD981085-10
<b>DNV Certificate:</b>	TAA000015X-revision4

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## Container Information

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<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Width:</b>	97 mm
<b>Package Level 1 Depth / Length:</b>	30 mm
<b>Package Level 1 Height:</b>	109 mm
<b>Package Level 1 Gross Weight:</b>	0.173 kg
<b>Package Level 1 EAN:</b>	4013614566219

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## External Classifications and Standards

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<b>eClass:</b>	V11.0 : 27370805
<b>E-Number (Norway):</b>	4552518
<b>ETIM 6:</b>	EC002613 - Extension module for motor management device
<b>ETIM 7:</b>	EC002613 - Extension module for motor management device
<b>ETIM 8:</b>	EC002613 - Extension module for motor management device
<b>ETIM 9:</b>	EC002613 - Extension module for motor management device
<b>Object Classification Code:</b>	B

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## Categories

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Products > Low Voltage Products and Systems > Control Products > Motor Controllers > Universal Motor Controllers Accessories

