



 PRODUCT-DETAILS

MRP31.0

MRP31.0 Modbus RTU Interface



General Information

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | MRP31.0 |
| Product ID | 1SAJ251000R0001 |
| EAN | 4013614496981 |
| Catalog Description | MRP31.0 Modbus RTU Interface |
| Long Description | The MRP31.0 device allows the connection of the Universal Motor Controller UMC100.3 to a Modbus RTU network. It can be mounted directly onto the UMC100.3 or on the SMK3.0 mounting kit. |

Ordering

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|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85176200 |
| Product Main Type | MRP31.0 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC194005D0201 |
|-----------------------------------|-----------------|

| | |
|--------------------------|-----------------|
| Instructions and Manuals | 1SAC200307M0001 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

Dimensions

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|----------------------------|---------|
| Product Net Width | 22.5 mm |
| Product Net Depth / Length | 54 mm |
| Product Net Height | 64 mm |
| Product Net Weight | 39 g |

Technical

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|------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Connecting Capacity | 1x 0.2-2.5 mm ² |
| Mounting Type | UMC100.3/Single Mounting |
| Mounting on DIN Rail | With Single Mounting Kit |
| Power Loss | Approximately 0.6 W |
| Rated Control Supply Voltage (U _s) | 24 V DC |
| Recommended Screw Driver | Pozidriv 1 |
| Standards | 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 |
| Suitable For | UMC100.3 |
| Terminal Type | Screw Terminals |
| Tightening Torque | Auxiliary Circuit 0.5 N·m Control Circuit 0.5 N·m |
| Wire Stripping Length | 7 mm |

Technical UL/CSA

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|----------------------------|----------------------------------------------------------|
| Connecting Capacity UL/CSA | Flexible with Ferrule 1x 28-12 AWG Rigid 1x 28-12 AWG |
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Environmental

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|----------------------|------|
| Degree of Protection | IP20 |
|----------------------|------|

Material Compliance

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|---------------------------------------------|-----------------------------------|
| 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

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|--------------------------------|-----------------------------------|
| ABS Certificate | 9AKK106930A7739 |
| ATEX Certificate | Not available |
| CB Certificate | DK-41377-UL |
| cULus Certificate | 201410022014_10_02_E179611E179811 |
| Declaration of Conformity - CE | 1SVD981073 |
| DNV Certificate | TAA000015X-revision4 |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 112 mm |
| Package Level 1 Depth / Length | 26 mm |
| Package Level 1 Height | 67 mm |
| Package Level 1 Gross Weight | 45 g |
| Package Level 1 EAN | 4013614496981 |

Classifications

| | |
|------------------------------------|----------------------------------------------------------------|
| eClass | V11.0 : 27242608 |
| E-Number (Norway) | 4552632 |
| ETIM 6 | EC001604 - Fieldbus, decentr. periphery - communication module |
| ETIM 7 | EC001604 - Fieldbus, decentr. periphery - communication module |
| ETIM 8 | EC001604 - Fieldbus, decentr. periphery - communication module |
| ETIM 9 | EC001604 - Fieldbus, decentr. periphery - communication module |
| IDEA Granular Category Code (IGCC) | 3587 >> Fieldbus, decentr. periphery - communication module |
| Object Classification Code | K |
| UNSPSC | 32151802 |

Categories

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

