



 PRODUCT-DETAILS

UA1-415

UA1-415 Undervoltage release 415V 415V
50Hz/480V 60Hz



General Information

| | |
|-----------------------|--|
| Extended Product Type | UA1-415 |
| Product ID | 1SAM201904R1007 |
| EAN | 4013614320484 |
| Catalog Description | UA1-415 Undervoltage release 415V 415V 50Hz/480V 60Hz |
| Long Description | Undervoltage release UA1 releases the manual motor starter or prevents it from being switched on when its voltage supply is interrupted. This can be used in emergency switching circuits or can prevent an automatic restart after voltage interruption. UA1 is attached laterally on the left side of MS116, MS132 or MS165 manual motor starters. |

Ordering

| | |
|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SBC100214C0202 |
|-----------------------------------|-----------------|

| | |
|-----------------------------------|--|
| Instructions and Manuals | 2CDC131011M6802 2CDC131034M6801 2CDC131022M6802 2CDC131120M6801 2CDC131081M6801 2CDC131082M6801 |
| Instructions and Manuals (Part 3) | 1SBC100214C0202 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

Dimensions

| | |
|----------------------------|---------|
| Product Net Width | 18 mm |
| Product Net Height | 90 mm |
| Product Net Depth / Length | 75.5 mm |
| Product Net Weight | 0.1 kg |

Technical

| | |
|---|---|
| Terminal Type | Screw Terminals |
| Rated Control Supply Voltage (U _s) | (50 Hz) 415 V (60 Hz) 480 V |
| Rated Impulse Withstand Voltage (U _{imp}) | Auxiliary Circuit 6 kV |
| Rated Insulation Voltage (U _i) | 690 V |
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ² |
| Tightening Torque | Auxiliary Circuit 0.8 ... 1.2 N·m |
| Wire Stripping Length | Auxiliary Circuit 10 mm |
| Recommended Screw Driver | Pozidriv 2 |
| Standards | CSA 22.2 No. 14 IEC/EN 60947-1 IEC/EN 60947-4-1 UL 508 UL 60947-1 UL 60947-4-1 |
| Product Name | Undervoltage Release |
| Suitable For | MS116 MS132 MO132 MS165 MO165 |
| Suitable for Product Class | Manual Motor Starter |
| Accessory Group | Electrical |
| Accessory Type | Undervoltage Release |
| Remarks | The mechanical and electrical durability of manual motor starters in combination with UA1/AA1 is reduced. Values are provided on request. |

Technical UL/CSA

| | |
|---|--|
| Connecting Capacity Auxiliary Circuit UL/CSA | Flexible 1/2x 16-12 AWG Stranded 1/2x 16-12 AWG |
| Tightening Torque UL/CSA | Auxiliary Circuit 7 in-lb |

Environmental

| | |
|---|--|
| Ambient Air Temperature | Operation -25 ... +60 °C Storage -50 ... +80 °C |
| Resistance to Shock acc. to IEC 60068-2-27 | 11 ms Pulse 15g |

Material Compliance

| | |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 1SAA963005-4502 |
| RoHS Information | 1SAA963006-4502 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 2CMT2023-006539 |
| WEEE B2C / B2B | Business To Business |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Certificates and Declarations

| | |
|-------------------------------------|------------------------------------|
| ABS Certificate | 1SAA963001-0101 |
| BV Certificate | 1SAA963002-0201 |
| cUL Certificate | cUL_E137861 |
| Declaration of Conformity - CE | 1SAD101100-3411 |
| Declaration of Conformity - UKCA | 1SAD201100-3411 |
| DNV GL Certificate | 1SAA963001-0304 |
| LR Certificate | 1SAA963001-0502 1SAA918001-0501 |
| RINA Certificate | 1SAA963002-0802 |
| UL Certificate | UL_E137861 |

Container Information

| | |
|-----------------------------------|---------------|
| Package Level 1 Width | 93 mm |
| Package Level 1 Depth / Length | 25 mm |
| Package Level 1 Height | 80 mm |
| Package Level 1 Gross Weight | 0.11 kg |
| Package Level 1 EAN | 4013614320484 |
| Package Level 1 Units | box 1 piece |
| Package Level 2 Width | 280 mm |
| Package Level 2 Depth / Length | 395 mm |
| Package Level 2 Height | 210 mm |
| Package Level 2 Gross | 9.175 kg |

Weight

| | |
|-----------------------|-----------------|
| Package Level 2 EAN | 4013614526145 |
| Package Level 2 Units | carton 80 piece |

Classifications

| | |
|------------------------------------|--|
| Object Classification Code | Q |
| ETIM 4 | EC002498 - Accessories for low-voltage switch technology |
| ETIM 5 | EC001022 - Under voltage coil |
| ETIM 6 | EC001022 - Under voltage coil |
| ETIM 7 | EC001022 - Under voltage coil |
| ETIM 8 | EC001022 - Under voltage coil |
| eClass | V11.0 : 27370417 |
| UNSPSC | 39121010 |
| IDEA Granular Category Code (IGCC) | 4148 >> Under voltage coil |
| E-Number (Sweden) | 3112033 |

Categories

Low Voltage Products and Systems → Circuit Breakers → Manual Motor Starters

Low Voltage Products and Systems → Control Products → Manual Motor Starters → Manual Motor Starters

