



PRODUCT-DETAILS

WA4-13

WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit



General Information

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| Extended Product Type | WA4-13 |
| Product ID | 1SBN040100R1013 |
| EAN | 3471523131088 |
| Catalog Description | WA4-13 100-250V50/60HZ-DC Mechanical Latching Unit |
| Long Description | <p>WA4-13 is a mechanical latching unit for AF09(Z) ... AF65, AFC09...38 contactors and NF (C)(Z) contactor relays ensuring that the contactor or contactor relay remains switched on even if there is a lack or a failure of voltage, in application such as energy conservation. Standard contactors can be easily converted into compact latched contactors. The WA4 block contains a mechanical latching device with electromagnetic impulse unlatching (AC or DC) or manual unlatching.</p> <p>Select quickly the WA4 coil thanks to an unlimited choice of control voltages (e.g. 100, 110, 115, 120, 125, 127, 208, 220, 230, 240 V 50/60 Hz - DC) included inside a large range of voltages from 100 to 250 V 50/60 Hz - DC.</p> <ul style="list-style-type: none">• Extend your auxiliary control circuit by adding additional 1-pole front mounted CA4 and 2-pole side mounted CAL4 auxiliary contact blocks• Design easily your installation with 25% less depth required in panel mounting• Reduce your stock and increase your solution proposal with 50% of less variants required compared to conventional solutions. |

Ordering

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|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85389099 |

Popular Downloads

| | |
|--------------------------|-----------------|
| Instructions and Manuals | 1SBC101046M6801 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 19.8 mm |
| Product Net Depth / Length | 67.4 mm |
| Product Net Height | 41 mm |
| Product Net Weight | 0.065 kg |

Technical

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| Standards | IEC/EN 60947-4-1, UL 60947-1, UL 60947-4-1, CSA C22.2 No. 60947-1-13, CSA C22.2 No. 60947-4-1-14 |
| Rated Frequency (f) | Control Circuit 50 / 60 Hz |
| Rated Insulation Voltage (U _i) | acc. to IEC 60947-5-1 690 V |
| Rated Control Circuit Voltage (U _c) | 50 Hz 100 ... 250 V 60 Hz 100 ... 250 V DC Operation 100 ... 250 V |
| Coil Consumption | Pull-in DC (U _{min} / U _{max}) 15 ... 100 W |
| Connecting Capacity Control Circuit | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm² Rigid Solid 1/2x 1 ... 2.5 mm² Rigid Stranded 1/2x 1 ... 2.5 mm² |
| Wire Stripping Length | Control Circuit 10 mm |
| Terminal Type | Screw Terminals |
| Suitable For | AF09 AF09Z AF12 AF12Z AF16 AF16Z AF26 AF26Z AF30 AF30Z AF38 AF38Z AF40 AF52 AF65 NF22E NFZ22E NF31E NFZ31E NF40E NFZ40E |

Technical UL/CSA

| | |
|--------------------------|--------------------------|
| Tightening Torque UL/CSA | Control Circuit 11 in·lb |
|--------------------------|--------------------------|

Environmental

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|-------------------|-------------------------|
| Maximum Operating | Without Derating 3000 m |
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Altitude Permissible

Material Compliance

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| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 2CMT2021-006202 |
| RoHS Information | 2CMT2021-006277 |
| RoHS Status | Following EU Directive 2011/65/EU |
| 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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|----------------------------------|-------------------------|
| CB Certificate | CB_HU-002678-A1 |
| CCC Certificate | CCC_2018010303063035 |
| CQC Certificate | CQC2018010303063035 |
| Declaration of Conformity - CCC | 2020980303000186 |
| Declaration of Conformity - CE | 1SBD250020U1000 |
| Declaration of Conformity - UKCA | 1SBD250042U1000 |
| EAC Certificate | EAC_RU C-FR ME77 B02940 |
| UL Certificate | UL_20181026-E312527_7_2 |
| UL Listing Card | UL_E312527 |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 72 mm |
| Package Level 1 Depth / Length | 25 mm |
| Package Level 1 Height | 44 mm |
| Package Level 1 Gross Weight | 0.08 kg |
| Package Level 1 EAN | 3471523131088 |

Classifications

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|------------------------------------|--|
| ETIM 4 | EC002498 - Accessories for low-voltage switch technology |
| ETIM 5 | EC002498 - Accessories for low-voltage switch technology |
| ETIM 6 | EC002498 - Accessories for low-voltage switch technology |
| ETIM 7 | EC002498 - Accessories for low-voltage switch technology |
| ETIM 8 | EC002498 - Accessories/spare parts for low-voltage switch technology |
| eClass | V11.1 : 27371392 |
| UNSPSC | 39122221 |
| IDEA Granular Category Code (IGCC) | 5219 >> Switch part or accessory |
| E-Number (Finland) | 3709747 |

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors

