

PRODUCT-DETAILS

# WA4-10

## WA4-10 24VDC Mechanical Latching Unit



| General Information   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Extended Product Type | WA4-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product ID            | 1SBN040100R1010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| EAN                   | 3471523131057                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Catalog Description   | WA4-10 24VDC Mechanical Latching Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Long Description      | <p>The WA4 mechanical latching unit for AF09 ... AF96 contactors and NF contactor relays ensures that the contactor or contactor relay remains switched on even if there is a lack or a failure of voltage. Standard contactors can be easily converted into compact latched contactors.</p> <p>The WA4 block contains a mechanical latching device with electromagnetic impulse unlatching (AC or DC) or manual unlatching.</p> <p>Operation</p> <p>After closing, the contactor continues to be held in the closed position by the latching mechanism should the supply voltage fail at the contactor coil terminals.</p> <p>Contactor opening can be controlled:</p> <ul style="list-style-type: none"><li>• electrically by an impulse (AC or DC) on the WA4 block coil (the coil is not designed to be permanently energized)</li><li>• manually by pressing the pushbutton on the front face of the WA4 block.</li></ul> <p>Mounting</p> <p>The WA4 block is clipped onto the front face of the 1-stack contactor where it takes up two slots in central position (see fig. below).</p> <p>The two other slots may accept CA4 single pole auxiliary contacts (1 block on each side of the mechanical latch).</p> <p>Additional CAL4 can be fitted on the side of the contactor in respect to the total number of built-in or additional N.O. and N.C. auxiliary contacts as described in the accessory fitting details part of each contactor type.</p> |
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## Technical

|                                         |                                                                                                                                                             |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                            | Mechanical Latching Unit                                                                                                                                    |
| Suitable For                            | AF09<br>AF09Z<br>AF12<br>AF12Z<br>AF16<br>AF16Z<br>AF26<br>AF26Z<br>AF30<br>AF30Z<br>AF38<br>AF38Z<br>NF22E<br>NFZ22E<br>NF31E<br>NFZ31E<br>NF40E<br>NFZ40E |
| Rated Control Circuit Voltage ( $U_c$ ) | DC Operation 24 V                                                                                                                                           |
| Tightening Torque                       | Control Circuit 1.2 N·m                                                                                                                                     |
| Coil Consumption                        | Pull-in DC ( $U_{min}$ / $U_{max}$ ) 12 W                                                                                                                   |
| Wire Stripping Length                   | Control Circuit 10 mm                                                                                                                                       |
| Terminal Type                           | Screw Terminals                                                                                                                                             |

## Environmental

|                           |                                   |
|---------------------------|-----------------------------------|
| RoHS Status               | Following EU Directive 2011/65/EU |
| Environmental Information | 1SBD250196E1000                   |

## Technical UL/CSA

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

## Dimensions

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

## Container Information

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

## Weight

|                     |               |
|---------------------|---------------|
| Package Level 1 EAN | 3471523131057 |
|---------------------|---------------|

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Ordering

|                         |            |
|-------------------------|------------|
| Minimum Order Quantity  | 1 piece    |
| Customs Tariff Number   | 85389099   |
| Country of Origin       | India (IN) |
| Selling Unit of Measure | piece      |

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Certificates and Declarations (Document Number)

|                                    |                         |
|------------------------------------|-------------------------|
| CB Certificate                     | CB_HU-002678-A1         |
| CCC Certificate                    | CCC_2018010303063035    |
| CQC Certificate                    | CQC2018010303063035     |
| Declaration of Conformity<br>- CCC | 2020980303000186        |
| Declaration of Conformity<br>- CE  | 1SBD250020U1000         |
| EAC Certificate                    | EAC_RU C-FR ME77 B02940 |
| Environmental Information          | 1SBD250196E1000         |
| Instructions and Manuals           | 1SBC101046M6801         |
| RoHS Information                   | 1SBD250020U1000         |
| UL Certificate                     | UL_20160705-E312527     |
| UL Listing Card                    | UL_E312527              |

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Popular Downloads

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SBC101046M6801 |
| UL Listing Card          | UL_E312527      |

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Classifications

|                |                                                                      |
|----------------|----------------------------------------------------------------------|
| 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 |
| WEEE Category  | 5. Small Equipment (No External Dimension More Than 50 cm)           |
| WEEE B2C / B2B | Business To Business                                                 |
| CN8            | 8538 90 99                                                           |

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Categories

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

