

PRODUCT-DETAILS

WA4-12

WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit



General Information

Extended Product Type	WA4-12
Product ID	1SBN040100R1012
EAN	3471523131071
Catalog Description	WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit

Long Description

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.

The WA4 block contains a mechanical latching device with electromagnetic impulse unlatching (AC or DC) or manual unlatching.

Operation

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.

Contactor opening can be controlled:

- electrically by an impulse (AC or DC) on the WA4 block coil (the coil is not designed to be permanently energized)
- manually by pressing the pushbutton on the front face of the WA4 block.

Mounting

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).

The two other slots may accept CA4 single pole auxiliary contacts (1 block on each side of the mechanical latch).

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.

Ordering

EAN	3471523131071
Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

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 Weight	0.08 kg
Package Level 1 EAN	3471523131071

Environmental

RoHS Status	Following EU Directive 2011/65/EU
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Technical UL/CSA

Tightening Torque UL/CSA	Control Circuit 11 IA
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Additional Information

Connecting Capacity	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ²
Control Circuit	Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ²
	Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ²
	Rigid 1/2x 1 ... 2.5 mm ²

Medium Description	WA4 Mechanical Latching Unit is front-mounted on AF09 ... AF65 contactors and NF contactor relay. It ensures that they remain switched on, even if there is a lack or a failure of voltage. After closing, the contactor continues to be held in the closed position by the latching mechanism, should the supply voltage at the contactor coil terminals fail. Contactor opening can be controlled electrically by an impulse (AC or DC) on the WA4 block coil, or manually by pressing the pushbutton on the front face of the WA4 block. Speed up your project by selecting quickly the WA4 coil thanks to a wide range of control voltages from 24 to 500 V 50/60 Hz – DC (WA4-11, 12, 13, 14). And also by extending your 24 V DC control solutions with a direct PLC control by 24V DC 500 mA (WA4-10). Optimum interface: 25% less compact than other market solutions, interface relay already included for direct control by PLC 24 V DC 500 mA, let enough space on AF to fix front or side-mounted auxiliary contacts in addition.
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Optimize your logistic by reducing your stock and increasing your solution
proposal: standard contactors can be easily converted into compact latched
contactors.

Order Multiple	1 piece
Product Main Type	Accessories for Block Contactors
Product Name	Mechanical Latching Unit
Rated Control Circuit Voltage (U _c)	50 Hz 48 ... 130 V 60 Hz 48 ... 130 V DC Operation 48 ... 130 V
RoHS Date	20171115
Suitable For	AF09 AF12 AF16 AF26 AF30 AF38 AF40 AF52 AF65 NF
Tightening Torque	Control Circuit 1.2 N·m
Wire Stripping Length	Control Circuit 10 mm

Certificates and Declarations (Document Number)

CB Certificate	CB_HU-002678
CCC Certificate	CCC_2018010303063035
CQC Certificate	CQC2018010303063035
Declaration of Conformity - CCC	2020980303000186
Declaration of Conformity - 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

Classifications

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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

