



PRODUCT-DETAILS

# WA4-12

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



General Information	
Extended Product Type	WA4-12
Product ID	1ISBN040100R1012
EAN	3471523131071
Catalog Description	WA4-12 48-130V50/60HZ-DC Mechanical Latching Unit
Long Description	<p>WA4-12 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. 48, 50, 55, 60, 72, 100, 110, 115, 120, 125, 127 V 50/60 Hz - DC) included inside a large range of voltages from 48 to 130 V 50/60 Hz - DC.</p> <ul style="list-style-type: none"><li>• Extend your auxiliary control circuit by adding additional 1-pole front mounted CA4 and 2-pole side mounted CAL4 auxiliary contact blocks</li><li>• Design easily your installation with 25% less depth required in panel mounting</li><li>• Reduce your stock and increase your solution proposal with 50% of less variants required compared to conventional solutions.</li></ul>

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Popular Downloads

Instructions and Manuals	1SBC101046M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

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

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 <sub>i</sub> )	acc. to IEC 60947-5-1 690 V		
Rated Control Circuit Voltage (U <sub>c</sub> )	50 Hz 48 ... 130 V		
	60 Hz 48 ... 130 V		
	DC Operation 48 ... 130 V		
Coil Consumption	Pull-in DC (U <sub>min</sub> / U <sub>max</sub> ) 15 ... 100 W		
Connecting Capacity Control Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup>		
	Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup>		
	Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup>		
	Rigid Solid 1/2x 1 ... 2.5 mm <sup>2</sup>		
	Rigid Stranded 1/2x 1 ... 2.5 mm <sup>2</sup>		
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
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Environmental

Maximum Operating Altitude Permissible	Without Derating 3000 m
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Material Compliance

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

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

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	3471523131071

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
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

Categories

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

