PRODUCT-DETAILS

WA4-11

WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit



General Information

Extended Product Type	WA4-11
Product ID	1SBN040100R1011
EAN	3471523131064
Catalog Description	WA4-11 24-60V50/60HZ-DC Mechanical Latching Unit
Long Description	WA4-11 is a mechanical latching unit for AF09(Z) ... AF65 contactors and NF(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. Select quickly the WA4 coil thanks to an unlimited choice of control voltages (e.g. 24, 28, 32, 36, 42, 48, 50, 55, 60 V 50/60 Hz - DC) included inside a large range of voltages from 24 to 60 V 50/60 Hz - DC. • 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

© 2024 ABB. All rights reserved.

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Popular Downloads

Data Sheet, Technical Information	1SBC100214C0202
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_i)	acc. to IEC 60947-5-1 690 V
Rated Control Circuit Voltage (U_c)	50 Hz 24 ... 60 V 60 Hz 24 ... 60 V DC Operation 24 ... 60 V
Coil Consumption	Pull-in DC (Umin / Umax) 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

© 2024 ABB. All rights reserved.

Technical UL/CSA

Tightening Torque UL/CSA	Control Circuit 11 in·lb

Environmental

Maximum Operating Altitude Permissible	Without Derating 3000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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_B
Declaration of Conformity - CCC	2020980303000186
Declaration of Conformity - CE	1SBD250020U1000
Declaration of Conformity - UKCA	1SBD250042U1000
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	3471523131064

Classifications

ETIM 7	EC002498 - Accessories for low-voltage switch technology
ETIM 8	EC002498 - Accessories/spare parts for low-voltage switch technology
ETIM 9	EC002498 - Accessories/spare parts for low-voltage switch technology
UNSPSC	39122221
IDEA Granular Category	5219 >> Switch part or accessory

© 2024 ABB. All rights reserved.

Code (IGCC)

Categories

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



© 2024 ABB. All rights reserved.