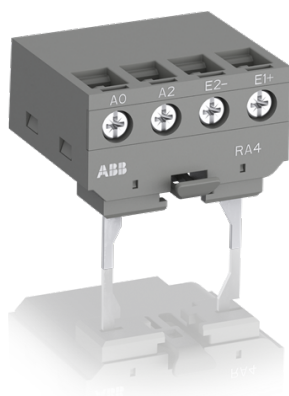


PRODUCT-DETAILS

# RA4

## RA4 Interface Relay



### General Information

Extended Product Type	RA4
Product ID	1SBN060100R1000
EAN	3471523131149
Catalog Description	RA4 Interface Relay

Long Description	<p>RA4 is an interface relay designed to receive 24 V DC signals delivered by PLC's or other sources with a low output power and to restore them with sufficient power to operate the coils of the relevant AF09 ... AF96 contactors or the NF contactor relays. RA4 interface relay is made up of a miniature electromechanical relay equipped with a N.O. contact and with a low consumption 24 V DC coil. The interface relay coil is controlled by the PLC while the N.O. contact ensures switching of the power contactor.</p> <ul style="list-style-type: none"> <li>• Easy to install: less compact than other market solutions, RA4 is simply clipped on the top of the contactor</li> <li>• Optimum interface: it accept all 24 VDC low output power signals down to 20 mA 24 V DC             <ul style="list-style-type: none"> <li>• Optimize your logistics and cost, thanks to 1 single RA4 interface relay for AF09...AF96 / NF monitoring control voltages up to 250V AC, without any additional accessory or wiring for assembling.</li> </ul> </li> </ul>
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### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900
Product Main Type	Accessories for Block Contactors

### Popular Downloads

Instructions and Manuals  
CAD Dimensional  
Drawing

1SBC101051M6801  
2CDC001079B0201

## Dimensions

Product Net Width	44.8 mm
Product Net Depth / Length	31.16 mm
Product Net Height	40.5 mm
Product Net Weight	0.04 kg

## Technical

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>
Connecting Terminals (delivered in open position)	M3.5
Electrical Durability	2000000 cycle
Maximum Electrical Switching Frequency	600 cycles per hour
Pollution Degree	3
Rated Control Circuit Voltage (U <sub>c</sub> )	DC Operation 24 V
Rated Frequency (f)	Control Circuit 50 / 60 Hz
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC 60947-5-1 250 V acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 250 V AC 50/60 Hz
Recommended Screw Driver	Control Circuit Pozidriv 2 Control Circuit Flat Ø 5.5 mm
Standards	IEC/EN 60947-5-1, UL 60947-1, UL 60947-4-1, CSA C22.2 No. 60947-1-13, CSA C22.2 No. 60947-5-1-14
Suitable For	AF09 AF09Z AF12 AF12Z AF16 AF16Z AF26 AF26Z AF30 AF30Z AF38 AF38Z AF40 AF52 AF65 AF80 AF96 NF22E NFZ22E NF31E NFZ31E NF40E NFZ40E NF44E NFZ44E NF53E NFZ53E NF62E NFZ62E NF71E NFZ71E NF80E NFZ80E

NF33/11  
NF51/11

Terminal Type	Screw Terminals
Tightening Torque	Control Circuit 1.2 N·m
Wire Stripping Length	Control Circuit 10 mm

## Technical UL/CSA

Connecting Capacity UL/CSA	Conductor 18 ... 14 AWG
Tightening Torque UL/CSA	Control Circuit 11 in·lb

## Environmental

Ambient Air Temperature	Close to Contactor for Storage -40 ... 70 °C Near Contactor for Operation in Free Air (0.85 ... 1.1 Uc) -25 ... +60 °C Near Contactor for Operation in Free Air (Uc) at 24 VDC -25 ... 70 °C
Climatic Withstand	Category B according to IEC 60947-1 Annex Q
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Maximum Operating Altitude Permissible	Without Derating 3000 m
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_SE-93026
CCC Certificate	CCC_2019010303254504
CQC Certificate	CQC2019010303254504
Declaration of Conformity - CCC	2020980303000187
Declaration of Conformity - CE	1SBD250010U1000
Declaration of Conformity - UKCA	1SBD250041U1000
UL Certificate	UL_20150918-E252354-9-3
UL Listing Card	UL_E252354

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	54 mm
Package Level 1 Depth / Length	54 mm
Package Level 1 Height	47 mm
Package Level 1 Gross Weight	0.04 kg
Package Level 1 EAN	3471523131149

## Classifications

eClass	V11.1 : 27371392
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
ETIM 9	EC002498 - Accessories/spare parts for low-voltage switch technology
IDEA Granular Category Code (IGCC)	5367 >> Control relay
UNSPSC	39122331

## Where Used (as part of "kit")

Identifier	Description	Type
3HAC060878-001	Contactora replacement set K1/K2	Kit

## Categories

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

Robotics → Controllers → S4

