

PRODUCT-DETAILS

RA4

RA4 Interface Relay



General Information

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

Long Description

RA4 interface relay is 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.

Coil switching gives rise to overvoltages which have adverse effects on the electronic devices, insulators and, more generally, on component lifetime. The RA4 is protected from surge thanks to the built-in surge protection of AF09 ... AF96. Furthermore, the RA4 is protected against relay pole reversal by a diode inserted between the E1 and E2 input terminals.

Connection
The "E1+" and "E2-" input terminals must be connected, according to their polarity, to the PLC-output.

The RA4 is equipped with two terminal pads for connection to the A1 and A2 terminals of the contactor coil.

This coil is supplied between the A0 and A2 terminals of the RA4.

Mounting
Remove the coil terminal block from the contactor and clip the interface relay without any screwing operation.

Ordering

EAN	3471523131149
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

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

Container Information

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

Environmental

RoHS Status	Following EU Directive 2011/65/EU
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Additional Information

Medium Description	<p>RA4 Interface Relay is 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. Easy to install: less compact than other market solutions, RA4 is simply clipped on the top of the contactor. Optimum interface: it accept all 24 VDC low output power signals down to 20 mA 24 V DC. 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.</p>
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Order Multiple	1 piece
Product Main Type	Accessories for Block Contactors
Product Name	Interface Relay
RoHS Date	20171115
Suitable For	AF09 AF12 AF16 AF26 AF30 AF38

AF40
 AF52
 AF65
 AF80
 AF96
 NF

Terminal Type	Screw Terminals
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Certificates and Declarations (Document Number)

CB Certificate	CB_SE-93026
Declaration of Conformity - CE	1SBD250010U1000
Environmental Information	1SBD250197E1000
Instructions and Manuals	1SBC101051M6801
RoHS Information	1SBD250010U1000
UL Certificate	UL_20150918-E252354-9-3
UL Listing Card	UL_E252354

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)

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

