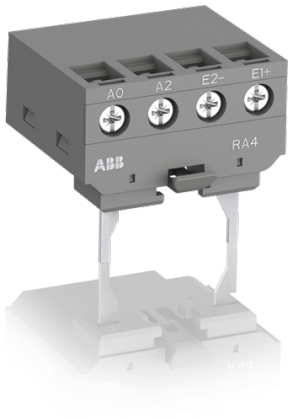
PRODUCT-DETAILS

RA4

RA4 Interface Relay



General Information

Extended Product Type	RA4
Product ID	1SBN060100R1000
EAN	3471523131149
Catalog Description	RA4 Interface Relay
Long Description	RA4 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. • 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 outpout 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.

Ordering

Minimum Order Quantity	1 piece

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Customs Tariff Number	85364900

Popular Downloads

Instructions and Manuals	1SBC101051M6801
CAD Dimensional Drawing	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

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
Rated Frequency (f)	Control Circuit 50 / 60 Hz
Maximum Electrical Switching Frequency	600 cycles per hour
Rated Insulation Voltage (U_i)	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
Rated Control Circuit Voltage (U_c)	DC Operation 24 V
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 AF80 AF96 NF22E NFZ22E NF31E NFZ31E NF40E NFZ40E NF44E NFZ44E NF53E NFZ53E

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	NF62E NFZ62E NF71E NFZ71E NF80E NFZ80E NF33/11 NF51/11

Technical UL/CSA

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
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
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

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Package Level 1 Gross Weight	0.04 kg
Package Level 1 EAN	3471523131149

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	39122331
IDEA Granular Category Code (IGCC)	5367 >> Control relay

Where Used (as part of "kit")

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

Categories

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

Robotics → Controllers → S4

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