

SAFETY RELAY SRA... SERIES, SINGLE FUNCTION, 2NO, FOR OSSD DEVICES AND INTEGRATED SAFETY FUNCTIONS (EDM), AUXILIARY SUPPLY 24VDC, UP TO CAT.4, PLE



Product type designation Single function General characteristics Second content of the product of the produ	But I of Indianate				0.0.4
Ceneral characteristics	Product designation				SRA
Functions Devices OSSD Auxiliary supply 24VDC Operating range \$2226VDC / 20.427.6VAC Overvoltage category III Insulation voltage kV 4 Input characteristics V 2 Number of inputs Nr. 2 Input current mA Typical 4.3 Input voltage 0-30VDC Output characteristics Nr. 2 Number of safe outputs NO Nr. 2 Number of safe outputs NC Nr. 0 Number of feedback outputs Nr. 0 Output type Relays with forcibly guided contacts Output contacts ratings 2000VA AC15 2300: 5A DC13 230V: 5A DC13 24V: 2A Pilot duty: B30C UL 508 ratings Pilot duty: B30C Mechanical life cycles >107 Electrical life AC1 at 360 commutations/h cycles >105 Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	,,				Single function
Auxiliary supply 24VDC Nominal auxiliary voltage supply 22L-26VDC / 20.427.6VAC Operating range V 2226VDC / 20.427.6VAC Overvoltage category IIII Insulation voltage kV 4 Input characteristics V Number of inputs MA Typical 4.3 Input current MA Typical 4.3 Input voltage 0-30VDC Output characteristics V Number of safe outputs NO Nr. 2 Number of safe outputs NC Nr. 0 Number of feedback outputs Nr. 0 Number of feedback outputs Nr. 0 Output type Relays with forcibly guided contacts Output contacts ratings 2000VA AC15 Output contacts ratings 2000VA AC15 Output contacts ratings 230V: 5A DC13 UL 508 ratings Pilot duty: B30C Wechanical life cycles >10° Safety parameters IV ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe					Davison OSSD
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Operating range V 2226VDC / 20.427.6VAC Overvoltage category III Insulation voltage kV 4 Input characteristics V 2 Number of inputs Nr. 2 Input current mA Typical 4.3 Input voltage 0-30VDC Output characteristics Nr. 2 Number of safe outputs NO Nr. 2 Number of safe outputs NC Nr. 0 Number of feedback outputs Nr. 0 Output type Relays with forcibly guided contacts Output contacts ratings AC1 250V: 6A-2000VA AC15 230V: 5A DC13 24V: 2A UL 508 ratings Pilot duty: B30C Wechanical life cycles >10° Electrical life AC1 at 360 commutations/h cycles >10° Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe		o aunah			241/DC
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Insulation voltage	Operating range			V	
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Number of inputs Nr. 2 Input current mA Typical 4.3 Input voltage 0-30VDC Output characteristics Nr. 2 Number of safe outputs NC Nr. 0 Number of feedback outputs Nr. 0 Number of feedback outputs Nr. 0 Output type forcibly guided contacts Output contacts ratings AC1 250V: 6A-2000VA AC15 230V: 5A DC13 24V: 2A UL 508 ratings Pilot duty: B30C Q300 Mechanical life cycles >107 Electrical life AC1 at 360 commutations/h cycles >107 Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	Insulation voltage			kV	4
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Input voltage	Number of inputs			Nr.	2
Output characteristics Nr. 2 Number of safe outputs NC Nr. 0 Number of feedback outputs Nr. 0 Output type Relays with forcibly guided contacts Output contacts ratings AC1 250V: 6A-2000VA AC15-230V: 5A DC13-24V: 2A UL 508 ratings Pilot duty: B300-Q300-24V: 2A Mechanical life cycles >107-2500 Electrical life AC1 at 360 commutations/h cycles 105-2500 Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	Input current			mA	Typical 4.3
Number of safe outputs NO Nr. 2 Number of safe outputs NC Nr. 0 Number of feedback outputs Nr. 0 Output type Relays with forcibly guided contacts Output contacts ratings AC1 250V: 6A-2000VA AC15-230V: 5A DC13-24V: 2A UL 508 ratings Pilot duty: B300-0300 Mechanical life cycles >10° Electrical life AC1 at 360 commutations/h cycles 10° Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	Input voltage				0-30VDC
Number of safe outputs NC Nr. 0 Number of feedback outputs Nr. 0 Output type Relays with forcibly guided contacts Output contacts ratings AC1 250V: 6A-2000VA AC15 230V: 5A DC13 24V: 2A UL 508 ratings Pilot duty: B300 Q300 Mechanical life cycles >10 ⁷ Electrical life AC1 at 360 commutations/h cycles 10 ⁵ Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	Output characteristics				
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Number of feedback outputs Nr. 0 Output type Relays with forcibly guided contacts Output contacts ratings AC1 250V: 6A-2000VA AC15 230V: 5A DC13 230V: 5A DC13 24V: 2A Pilot duty: B300 Mechanical life cycles >10⁻ Electrical life AC1 at 360 commutations/h cycles 10⁻ Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	Number of safe output	NC		Nr.	0
Output type Relays with forcibly guided contacts Output contacts ratings AC1 250V: 6A-2000VA AC15 230V: 5A DC13 24V: 2A UL 508 ratings Pilot duty: B300 Q300 Mechanical life cycles >107 Electrical life AC1 at 360 commutations/h cycles 105 Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe				Nr.	0
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Output contacts ratings 230V: 5A DC13 24V: 2A UL 508 ratings Pilot duty: B300 Mechanical life cycles >107 Electrical life AC1 at 360 commutations/h cycles 105 Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe					
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Safety parameters ISO 13849-1 security category ISO 13849-1 performance level PLe	Mechanical life			cycles	>107
ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	Electrical life AC1 at 36	0 commutations/h		cycles	10⁵
ISO 13849-1 performance level PLe	Safety parameters				
	ISO 13849-1 security of	ategory			Cat. 4
	ISO 13849-1 performa	nce level			PLe
Mechanical features	Mechanical features				
Fixing 35mm DIN rail	Fixing				35mm DIN rail
Weight g 150				g	150
Ambient conditions					
Protection degree IP40 on front					
Pollution degree 2					IP20 on terminals
Temperature 2					
·	remperature	Operating temperature			
Operating temperature min °C -25		Operating temperature	min	°C	25
		Storage temperature	IIIdX	U	TJU
Storage temperature min °C -30		Storage temperature		°C	20
max °C +70			IIIdX		±10

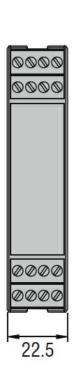
SRASM20

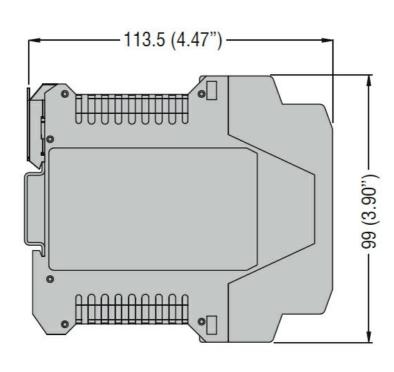
ENERGY AND AUTOMATION

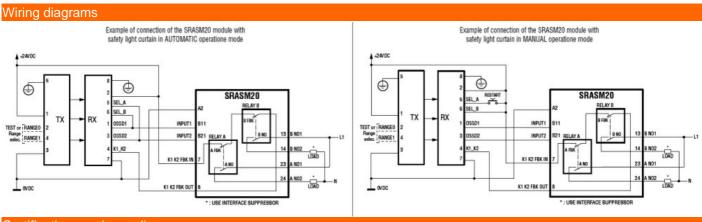
SAFETY RELAY SRA... SERIES, SINGLE FUNCTION, 2NO, FOR OSSD DEVICES AND INTEGRATED SAFETY FUNCTIONS (EDM), AUXILIARY SUPPLY 24VDC, UP TO CAT.4, PLE

Relative humidity % ≤95

Dimensions [mm (in)]







Certifications and compliance

Compliance

EN/BS 62061

EN/ISO/BS 13849-1

Certificates

cULus

TUV

ETIM classification

ETIM 8.0

EC001449 -Device for monitoring of safety-related circuits