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Data sheet 3RQ3018-1AB00

Output coupler Relay coupler, 1 CO contact 24 V AC/DC Overall width 6.2 mm Screw terminal Thermal current 6 A

Figure similar

Article number

Product brand name		SIRIUS
Product category		SIRIUS 3RQ3 coupling relays in slim design
Product designation		Coupling relays with relay output (not plug-in)
Design of the product		Output coupling links
Product type designation		3RQ3

General technical data		
Display version LED		Yes
Product component		
• Relay output		Yes
• semi-conductor output		No
Consumed active power	W	0.3
Insulation voltage		
• **for overvoltage category III according to IEC 60664**		
— with degree of pollution 3 rated value	V	300
Surge voltage resistance rated value	kV	4
maximum permissible voltage for safe isolation		

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• between control and auxiliary circuit	V	300
Percental drop-out voltage related to the input voltage	%	10
Protection class IP		IP20
Shock resistance		
• acc. to IEC 60068-2-27		sinusoidal half-wave 15g / 11 ms
Vibration resistance		
• acc. to IEC 60068-2-6		6 ... 150 Hz: 2 g
Operating frequency maximum	1/h	72 000
Switching behavior		monostable
Mechanical service life (switching cycles)		
• typical		10 000 000
Electrical endurance (switching cycles)		
• at AC-15 at 230 V typical		100 000
Thermal current	A	6
Equipment marking		
• acc. to DIN EN 61346-2		K
• acc. to DIN EN 81346-2		K

Control circuit/ Control		
Control supply voltage at AC		
• at 50 Hz rated value	V	24
• at 60 Hz rated value	V	24
Control supply voltage at DC		
• rated value	V	24
Operating range factor control supply voltage rated value at DC		
• initial value		0.8
• Full-scale value		1.25
Operating range factor control supply voltage rated value at AC at 50 Hz		
• initial value		0.8
• Full-scale value		1.25
Operating range factor control supply voltage rated value at AC at 60 Hz		
• initial value		0.8
• Full-scale value		1.25
Off-delay time	ms	14
Closing delay		
• at AC	ms	12
• at DC	ms	6
Opening delay		
• at AC	ms	14

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