SIEMENS

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		

• 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	