

## Product Overview

### Relays with forcibly guided contacts

Relay	SIS 2	SIS 3	SIS 3 sen	SIS 4	SIS 6	SIF 4	SIF 6	SIR 282	SIR 282 sen
Number of Contacts	2	3	3	4	6	4	6	2WK	2WK
Contact Material	AgCuNi	AgCuNi	AgCuNi	AgCuNi	AgCuNi	AgCuNi	AgCuNi	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Coil Current	5VDC-60VDC	5VDC-110VDC	5VDC-60VDC	5VDC-110VDC	5VDC-110VDC	5VDC-110VDC	5VDC-110VDC	5VDC-110VDC	5VDC-110VDC
Coil Capacity	0.27W	0.6W	0.4W	0.5W	0.66W	0.7W	0.66W	1W	0.7W
Switching Current Range	5mA - 6A	5mA - 6A	5mA - 6A	5mA - 6A	5mA - 6A	5mA - 8A	5mA - 8A	10mA - 8A	10mA - 8A
Protection	RT III	RT III	RT III	RT III	RT III	RT II	RT II	RT II	RT II
Dimensions (external)	29.2x16.6x16.5	29.2x16.6x16.5	29.2x16.6x16.5	48x16.6x16.5	48x16.6x16.5	41x29.4x10.9	53.6x33.5x10.9	30.2x12.7x25.6	30.2x12.7x25.6
Accessories	-	-	-	-	-	-	-	Page 27	Page 27
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Relay	SGR 282Z	SGR 282Z sen	SIM 2	SIM 3	SIM 4	SLR 4	SIR 4	SIR 4 sen	SIR 4 P
Number of Contacts	2WK	2WK	2	3	4	4	4	4	4
Contact Material	AgCuNi <sup>1</sup>	AgCuNi <sup>1</sup>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Coil Current	5VDC - 110VDC	5VDC - 110VDC	5VDC - 110VDC	5VDC - 110VDC	5VDC - 110VDC	5VDC - 110VDC	5VDC - 110VDC	5VDC - 110VDC	5VDC - 110VDC
Coil Capacity	1W	0.7W	0.5W	0.75W	1W	0.6W	0.6W	0.36W	0.75W
Switching Current Range	10mA - 6A	10mA - 6A	10mA - 8A	10mA - 8A	10mA - 8A	10mA - 10A	10mA - 10A	10mA - 10A	5mA - 12A
Protection	RT II	RT II	RT II	RT II	RT II	RT II	RT II	RT II	RT II
Dimensions (external)	30.2x12.7x25.6	30.2x12.7x25.6	27.4x12.5x26.2	36.1x12.5x26.2	36.1x12.5x26.2	53.3x33.4x16.5	46.4x16x30.7	46.4x16x30.7	46.4x16x30.7
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Relay	SIR 6	SIR 6 sen	SIR 8	SIR 10	SIP 6				
Number of Contacts	6	6	8	10	6				
Contact Material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>				
Coil Current	5VDC - 110VDC	5VDC - 110VDC	5VDC - 220VDC	5VDC - 220VDC	5VDC - 220VDC				
Coil Capacity	0.75W	0.5W	1.3W	1.3W	1.3W				
Switching Current Range	10mA - 10A	10mA - 10A	10mA - 10A	10mA - 10A	5mA - 16A				
Protection	RT II	RT II	RT II	RT II	RT II				
Dimensions (external)	58.9x16x30.7	58.9x16x30.7	85.5x20x32	85.5x20x32	84.6x20x32				
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						Socket	Kurzbeschreibung	Details	
						Printsocket for <b>SIM 3</b> and <b>SIM 4</b>	DIN rail socket for <b>SIM 3</b> and <b>SIM 4</b>	Printsocket for <b>SIR 4</b>	Printsocket for <b>SIR 6</b>

\*Reference Value 20°C; <sup>1</sup>Also as an option with 4-6 µm Au