**MURR ELEKTRONIK**
stay connected

Slim Interface Relays

Overview

Murrelektronik Slim Interface Relays are highly compact and lightweight relays especially useful where cabinet space is a consideration. Encased in a self-extinguishing plastic housing, these high quality relays offer a long useful life. Great for use with PLC automation systems, electric power plants, energy management systems, medium voltage panels, industrial machines, and more.

Features

• 35mm DIN-rail mount
• Slim 6.2 mm design
• Finger safe
• Status Indicator LED - Relay energized
• DC and AC supply voltage options
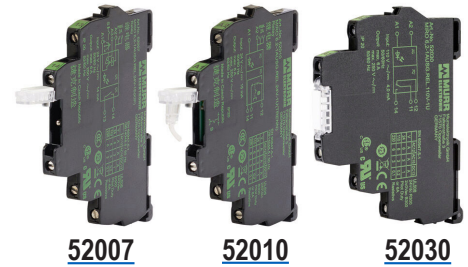
52007　**52010**　**52030**

Slim Interface Relays						
Part Number	*Price*	*Coil Voltage*	*Configuration*	*Contact Rating*	*Load Voltage*	*Action*	*Drawing Link*
52000	$11.00	24 VDC	SPDT	6A	250 VAC/VDC	–	PDF
52001	$11.00	24 VAC/VDC	SPDT	6A	250 VAC/VDC	–	PDF
52003	$14.50	24 VAC/VDC	SPDT	6A	250 VAC/VDC	–	PDF
52007	$44.00	24 VAC/VDC	SPST	6A	250 VAC/VDC	H-O-A toggle switch	PDF
52010	$16.50	24 VAC/VDC	SPDT	6A	250 VAC/VDC	isolation disconnect	PDF
52030	$16.50	110 VAC/VDC	SPDT	6A	250 VAC/VDC	–	PDF
52040	$17.00	230 VAC/VDC	SPDT	6A	250 VAC/VDC	–	PDF
52050	$12.50	12 VDC	SPDT	6A	250 VAC/VDC	–	PDF

Wiring Diagrams

52000

52001

52003

52007

52010

52030

52040

52050

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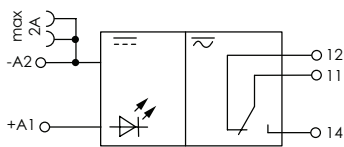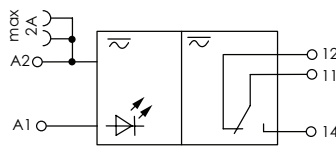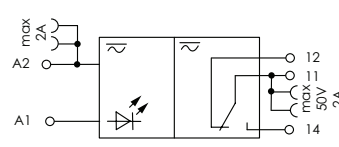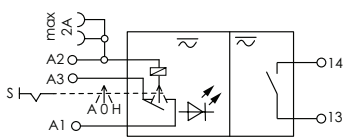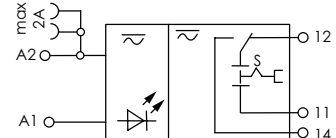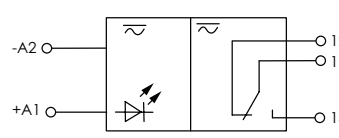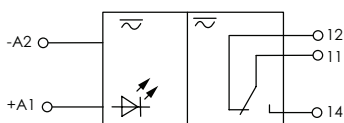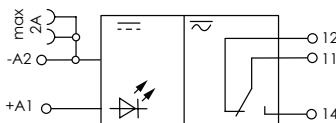
Slim Interface Relays Specifications

Slim Interface Relays Specifications

Part Number		52000	52001	52003	52007	52010	52030	52040	52050
Input Specifications									
Nominal Voltage		24VDC	24 VAC/VDC 50/60 Hz	24 VAC/VDC 50/60 Hz	24 VAC/VDC 50/60 Hz	24 VAC/VDC 50/60 Hz	110 VAC/VDC 50/60 Hz	230 VAC/VDC 50/60 Hz	12VDC
Operating Voltage Range		19.2–30.0 VDC	19.2–30.0 VAC/VDC	19.2–30.0 VAC/VDC	19.2–26.4 VAC/VDC	19.2–30.0 VAC/VDC	95.0–121 VAC/VDC	195.0–253.0 VAC/VDC	10.0–15.0 VDC
Power Consumption	AC	n/a	0.4 VA	0.4 VA	0.34 VA	0.35 VA	0.45 VA	0.65 VA	n/a
	DC	0.35 W	0.4 W	0.4 W	0.34 W	0.35 W	0.45 W	0.65 W	0.24 W
Contact Specifications									
Type		SPDT	SPDT	SPDT	SPST	SPDT	SPDT	SPDT	SPDT
Material		Silver Tin Oxide (Ag Sn 02)							
Operate Time Max		8ms	8ms	8ms	8ms	8ms	8ms	12ms	8ms
Release Time Max		20ms	20ms	10ms	20ms	20ms	20ms	20ms	20ms
Wire Size Max		14AWG (stranded) / 12AWG (solid)							
Max Ratings	AC	6A/250 VAC 1500VA	6A/250 VAC 1500VA	6A/250 VAC 1500VA	6A/250 VAC 1500VA	6A/250 VAC 1500VA	6A/250 VAC 1500VA	6A/250 VAC 1500VA	6A/250 VAC 1500VA
	DC	6A/250 VDC 120W	6A/250 VDC 120W	6A/250 VDC 120W	6A/250 VDC 120W	6A/250 VDC 120W	6A/250 VDC 120W	6A/250 VDC 120W	6A/250 VDC 120W
Minimum Load		100mA	100mA	1mA	100mA	100mA	10mA	100mA	10mA
Mechanical Life Time		10×10^6 operations							
Electrical Life Time		6×10^4 operations							
General Specifications									
Connection		Screw terminal (M3)							
Tightening Torque		0.2 N·m (0.1)							
Ambient Temperature		-25 to +60°C [-13 to +140°F]			-25 to +50°C [-13 to +122°F]		-25 to +60°C [-13 to +140°F]		
Storage Temperature		-40°C to +80°C [-40°F to +176°F]							
Protection Rating		IP20							
Mounting		35mm DIN-rail							
Relay Indicator		Green LED							
Weight (g [oz])		35.0 [1.23]							
Agency Approvals and Standards *		CSA 1252427, cURus E140415, CE							

* To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

Interface Relays Accessories

Part Number	Price	Description
90963	$8.75	Murrelektronik interface relay jumper, push-in type, 2-pole, gray. Package of 5. For use with MurrElektronik relays with 6.2mm spacing.
90978	$20.50	Murrelektronik interface relay jumper, push-in type, 10-pole, blue. Package of 5. For use with MurrElektronik relays with 6.2mm spacing.
90979	$28.00	Murrelektronik interface relay jumper, push-in type, 10-pole, red. Package of 5. For use with MurrElektronik relays with 6.2mm spacing.

90963   **90978**   **90979**