

Actuators and Indicators, Customized Designs

Contact Block Selection Table for Selector Switches, Key-operated Switches, and 3-position push-pull

Selection and Ordering Data

Switch Position (front of switch)	Contact Block Circuit	Contact Block Position ¹⁾	Contact Block Order No.
Left	Right		

Two-Position Selector Switch Contact Block Selection

					
O	X	1 NO	Any Position		3SU1400-1AA10-1BA0
X	O	1 NC	Any Position		3SU1400-1AA10-1CA0
O	X	1 NO/1 NC	Any Position		3SU1400-1AA10-1FA0
O	X	2 NO	Any Position		3SU1400-1AA10-1DA0
X	O	2 NC	Any Position		3SU1400-1AA10-1EA0

Switch Position (front of switch)	Contact Block Circuit	Contact Block Position ¹⁾	Contact Block Order No.
Left	Center	Right	

Three-Position Selector Switch Contact Block Selection

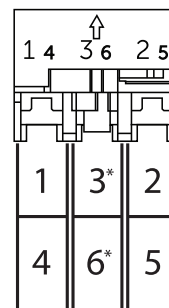
						
X	O	O	1 NO	2 or 3A	5 or 6A	3SU1400-1AA10-1BA0
X	O	X	1 NO	3	6	3SU1400-1AA10-1BA0
O	O	X	1 NO	1 or 3B	4 or 6B	3SU1400-1AA10-1BA0
O	X	X	1 NC	2 or 3A	5 or 6A	3SU1400-1AA10-1CA0
O	X	O	1 NC	3	6	3SU1400-1AA10-1CA0
X	X	O	1 NC	1 or 3B	4 or 6B	3SU1400-1AA10-1CA0
X	O	O	1 NO/1 NC	2 or 3A	--	3SU1400-1AA10-1FA0
X	O	X	1 NO/1 NC	3	--	3SU1400-1AA10-1FA0
O	O	X	1 NO/1 NC	1 or 3B	--	3SU1400-1AA10-1FA0
X	O	O	2 NO	2 or 3A	--	3SU1400-1AA10-1DA0
X	O	X	2 NO	3	--	3SU1400-1AA10-1DA0
O	O	X	2 NO	1 or 3B	--	3SU1400-1AA10-1DA0
O	X	X	2 NC	2 or 3A	--	3SU1400-1AA10-1EA0
O	X	O	2 NC	3	--	3SU1400-1AA10-1EA0
X	X	O	2 NC	1 or 3B	--	3SU1400-1AA10-1EA0

Three-Position Push-Pull Contact Block Selection

Out	Center	In				
X	O	O	1 NO	2 or 3A	5 or 6A	3SU1400-1AA10-1BA0
O	O	X	1 NO	1 or 3B	4 or 6B	3SU1400-1AA10-1BA0
X	X	O	1 NC	1 or 3B	4 or 6B	3SU1400-1AA10-1CA0
O	X	X	1 NC	2 or 3A	5 or 6A	3SU1400-1AA10-1CA0
O	X	O	1 NO/1 NC	2 or 3A	--	3SU1400-1AA10-1FA0
X	X	O	1 NO/1 NC	1 or 3B	--	3SU1400-1AA10-1FA0
O	X	O	2 NC	3	--	3SU1400-1AA10-1FA0

¹⁾ Single-element Contact Blocks are stackable (2 deep). Dual Contact Blocks are not stackable.

In order to attach a Light Module to the actuator, both plungers must be removed and Light Module placed in position #3.



Rear View	Plungers Inserted	Center Module Position Numbers	Replace the asterisks in center position numbers 3* or 6*:
	Both	3 or 6	Contact Blocks Position Number will be (3 or 6) when "Both" plungers are installed.
	Right	3B or 6B	Contact Blocks Position Number will be (3B or 6B) when "Right" plunger only is installed.
	Left	3A or 6A	Contact Blocks Position Number will be (3A or 6A) when "Left" plunger only is installed.
	None	None	Both plungers are removed if Center Module Position 3 is used with LED Light Module

X ----- Contact Closed
O ----- Contact Open
3 or 6 ----- Both Plungers Inserted
3A or 6A --- Left Plunger Inserted
3B or 6B --- Right Plunger Inserted

Modules for Actuators and Indicators

Contact modules

Overview

Contact modules and LED modules

The contact modules are fitted with slow-action contacts (NO contacts or NC contacts). These ensure a high switching reliability even with small voltages and currents, such as 5 V/1 mA. They are suitable for use in electronic systems as well as conventional controls. The contact pieces of the NC contacts are positively driven.

Only LED modules with permanently integrated LEDs are available for illumination.

Contact modules and LED modules bear terminal designations according to EN 50013.

Mounting the modules

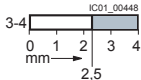
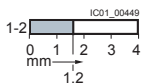
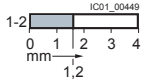
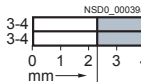
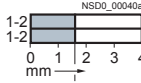
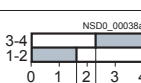
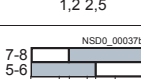
With SIRIUS ACT, the modules are mounted on the holder without any further accessories. Holders in plastic or metal versions are available for mounting three modules.

Connection methods

The modules are available with:

- Screw terminals
- Spring-type terminals or
- Solder pin connections (0.8 mm × 0.8 mm solder pins) for assembly on printed circuit boards

Selection and ordering data

Contact version	Number of NO contacts	NC contacts		SD	Screw terminals		PU (UNIT, SET, M)	PS*	
Contact modules for front plate mounting				d	Article No.	Price per PU			
	Silver alloy	1	0			▶	3SU1400-1AA10-1BA0	1	1 unit
		0	1			▶	3SU1400-1AA10-1CA0	1	1 unit
		0	1 with installation monitoring ¹⁾			▶	3SU1400-1AA10-1HA0	1	1 unit
		2	0			▶	3SU1400-1AA10-1DA0	1	1 unit
		0	2			▶	3SU1400-1AA10-1EA0	1	1 unit
		1	1			▶	3SU1400-1AA10-1FA0	1	1 unit
		1 leading switching	1 lagging switching			▶	3SU1400-1AA10-1GA0	1	1 unit

¹⁾ The contact module has 1 NO internal contact + 1 NC internal contact. The NO contact is connected in series with the NC contact and brought out at terminal 1-2. When the module is snapped onto the holder, the NO contact closes. It opens when the module is detached from the holder again (the NC contact remains closed). The NC contact opens when the EMERGENCY STOP device is actuated (the NO contact remains closed). The contact is closed only when both the NC and NO contacts are closed. Unsuitable for mounting in 3SU18 enclosure.

⊕ Positive opening according to IEC 60947-5-1, Annex K.

Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System, see Section 13.

Certificate:

