

NON-ILLUMINATED SELECTOR SWITCH – 30mm

Selector Switch – Non-Illuminated



Short Lever



Long Lever

Part Number	52	S		2					
		a	b	c	d	e	f	g²	h²

a	Code	Type
	S	Selector Switch

b	Code	Finish
	A	Chrome - Short Lever
	B	Chrome - Long Lever
	X	BlackMax - Short Lever
	W	BlackMax - Long Lever

c	Code	Style
	2	Non-Illuminated

d	Code	Function³
	A	2 Position: CAM A ³
	B	3 Position: CAM B
	C	3 Position: CAM C ^{1 3}
	D	3 Position: CAM D
	E	3 Position: CAM E
	G	3 Position: CAM G
	H	4 Position: CAM H

e	Code	Type	
		2 Position	
		Maintained	Spring Return
	A	All	—
	C	Left	Right
		3 Position	
		Maintained	Spring Return
	A	All	—
	B	Center, Right	Left
	C	Center, Left	Right
	D	Center	Left, Right
		4 Position	
		Maintained Position	Spring Return
	A	All	—

f	Code	Color
	2	Red
	3	Green
	4	Yellow
	5	Blue
	6	Gray
	8	Orange
	B	White
	N	No Insert (Black)

g²	Code	Contact Blocks³
	A	1 NO - 1 NC
	E	1 NC (LB)
	H	1 NO (EM)
	J	1 NC
	K	1 NO

h²	Code	Contact Quantity & Location³	
		Left	Right
	0	1	—
	1	—	1
	2	1	1
	3	2	—
	4	—	2
	5	2	1
	6	1	2
	7	2	2
	8	3	—
9	—	3	

1 C CAM on spring return selectors is limited to 4 contact blocks. For CAM selection see page 10/205.

2 For operator without contact blocks leave positions g and h blank.

3 Non-Illuminated Selector Switches with CAM types: A or C with Contact Block Codes: A0, A1, A2, A3, A4, J0, J1, J2, J3, J4, K0, K1, K2, K3 or K4 are available with Hazardous Location CL1, DIV2 Rated Contacts when Suffix "HL" is added to the part number.

Selector switch, metal Spring return from left Long lever Position, B Cam 3 position Operator only white insert Non-Illuminated UL file E22655 in Vol. 6 (7) Sec. 13 (2)

design of the product	Actuator round
Enclosure	
number of command points	1
delivery state as a kit	No
Actuator	
design of the actuating element	selector switch
material of the actuating element	plastic
shape of the actuating element	Extended handle
type of unlocking device	rotate-to-unlatch mechanism
number of switching positions	3
Front ring	
product component front ring	Yes
design of the front ring	standard
material of the front ring	metal
color of the front ring	chrome
Holder	
material of the holder	Metal
General technical data	
product component	
• light source	No
degree of pollution	1
protection class IP	IP66
operating frequency maximum	600 1/h
Ambient conditions	
ambient temperature	
• during operation	-35 ... +70 °C
• during storage	-40 ... +85 °C
Installation/ mounting/ dimensions	
shape of the installation opening	round

Contact Type	Contact	Switch Position		Type M = Maintained S = Spring Return	Chrome		Black Max	
		Left	Right		Short Lever	Long Lever	Short Lever	Long Lever
					2-Position Operator			
No Contacts	—	—	—	M M	52SA2AAB	52SB2AAB	52SX2AAB	52SW2AAB
				M<---S	52SA2ACB	52SB2ACB	52SX2ACB	52SW2ACB
1 N.O.	A	O	X	M M	52SA2AABK1	52SB2AABK1	52SX2AABK1	52SW2AABK1
				M<---S	52SA2ACBK1	52SB2ACBK1	52SX2ACBK1	52SW2ACBK1
1 N.O.	A	O	X	M M	52SA2AABA1	52SB2AABA1	52SX2AABA1	52SW2AABA1
1 N.C.	B	X	O	M<---S	52SA2ACBA1	52SB2ACBA1	52SX2ACBA1	52SW2ACBA1

Contact Type	Contact	Switch Position			Type M = Maintained S = Spring Return	Chrome		Black Max	
		Left	Center	Right		Short Lever	Long Lever	Short Lever	Long Lever
						3-Position Operator			
** No Contacts	—	—	—	—	M M M	52SA2CAB	52SB2CAB	52SX2CAB	52SW2CAB
					M M M	52SA2BAB	52SB2BAB	52SX2BAB	52SW2BAB
					S--->M M	52SA2BBB	52SB2BBB	52SX2BBB	52SW2BBB
					M M<---S	52SA2BCB	52SB2BCB	52SX2BCB	52SW2BCB
					S--->M<---S	52SA2BDB	52SB2BDB	52SX2BDB	52SW2BDB