ø22 HW Series Selector Switches

Knob Operator HW1S

Shape

Selector Switches (Knob Operator)

APEM	
Switches & Pilot Lights	
Control Boxes	
Emergency Stop Switches	
Enabling Switches	
Safety Products	
Explosion Proof	
Terminal Blocks	
Relays & Sockets	
Circuit Protectors	
Power Supplies	
LED Illumination	
Controllers	
Operator Interfaces	
Sensors	
AUTO-ID	
Flush Silhouette	
ø16	
ø22	
ø30	
Miniature	
Pilot Lights	
нw	
TW	
YW	•



Package Quantity: 1

ts													
es cy		Contact	Contact Block		Operator Position			osition	Maintained (90°)	Spring Return from Right (60°)			
es 1g es		oonaot	Mounting Position	Contact	1	2				1 2			
_	90° 2-position/ 60° 2-position	1NO (10)	1	NO		•			HW1S-2T10	HW1S-21T10	/	/	
ts			2	_		Dum	Dummy Block		110013-2110	11013-21110			
of		1NO-1NC (11) 2NO (20)	1	NO		٠		н	HW1S-2T11	HW1S-21T11			
ks			2	NC	٠								
KS			1	NO		•			HW1S-2T20	HW1S-21T20			
ts			2	NO		•							
uit		2NO-2NC (22)	1	NO		•							
rs			2	NC	•				HW1S-2T22	HW1S-21T22			
es			3	NO		٠							
on			4	NC	٠							/	
			Contact	Contact	Block		Inora	tor Dr	osition	Maintained	Spring Return	Spring Return	Spring Return
rs		Contact	Contact	DIUGK		μοια		5111011		from Right $1 - \frac{1}{\sqrt{2}}$	from Left	Two-way	
or es		oontaot	Mounting Position	Contact	1	0	2						
rs		2N0 (20)	1	NO	٠			_	HW1S-3T20	HW1S-31T20	HW1S-32T20	HW1S-33T20	
ID			2	NO									
		2NC (02)	1	NC					HW1S-3T02	HW1S-31T02	HW1S-32T02	HW1S-33T02	
			2	NC					11W13-3102	111113-31102	111113-32102	111113-33102	
		2NO-2NC	1	NO	•			_	HW1S-3T22N1	HW1S-31T22N1	HW1S-32T22N1	HW1S-33T22N1	
te			2	NO			•						
_		(22N1)	3	NC									
16	45°		4	NC									
22	3-position		0	NO	٠								
		4N0	2	NO			•	-	HW1S-3T40	HW1S-31T40	HW1S-32T40	HW1S-33T40	
30		(40)	3	NO	•								
re			4	NO			•						
			0	NC				-	HW1S-3T04	HW1S-31T04	HW1S-32T04	HW1S-33T04	
ts	-	4NC	2	NC									
		(04)	3	NC									
			4	NC									
W		2N0-1NC	0	NO	•				HW1S-3JT21N1	_	_		
vv		(21N1)	2	NO			•					_	
W		*☆	3	NC		•		leal	-				
			4	—		Dum	imy B	IOCK					

• Knob operator: white indicator on black body

• On the contact arrangement marked with 🖈 in the table above, the rated current (load switching current) is reduced to a half of the related current of the contact block. The rated insulation voltage and the rated thermal current remain unchanged.

 \bullet For models with \precsim , contacts may overlap when the operator position is changed.

• Other contact arrangements are also available. See B-211 to B-213.

• Selector switches with one or three contact blocks contain a dummy block.

• See **B-186** for gold-plated silver contacts.

• Turn the operator to each position accurately.

Contact Block Mounting Position

