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Selector Switches

Contents

Selector Switches

Product Description

Eaton's M22 selector switch line offers an almost endless variety of options in maintained/momentary, key-removal and illuminated devices. The coding adapters used for maintained/momentary and key removal positions make the M22 stand out from competitive devices. By simply adding or removing a coding adapter from inside the operator, the end-user can change the function of the button. Operator options include standard knob, rotary head, illuminated and keyed versions. As with all operators, they can be ordered as a ready to install complete device or as modular components to meet application specific requirements.

Features

- Adding or removing coding adapters allows for field convertibility of maintained/momentary and key removal positions
- LED offering only for improved brightness quality and up to 100,000 hours of operation
- More than 100,000 mechanical operations

- Coding adapter options make assembly fast and simplify stocking of different configurations of selector switches
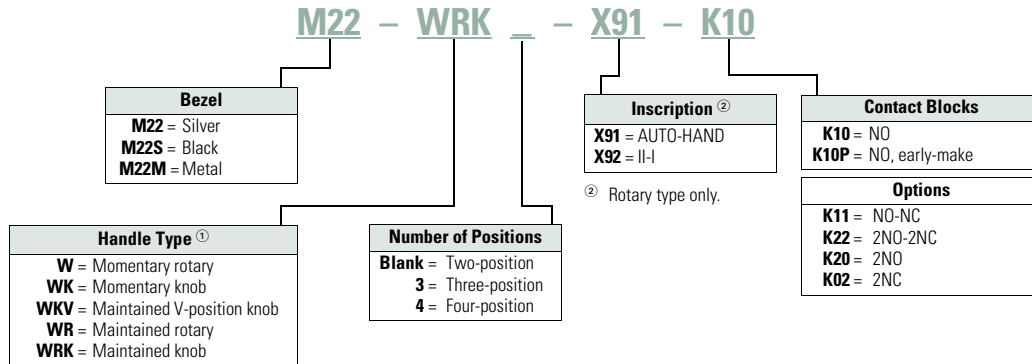- Capable of communicating via ASi protocol with ASi adapter modules

Protection Type

- IP66
- NEMA 4X, 13

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Catalog Number Selection

Catalog Number Selection is for illustrative purposes only and not to be used to create new catalog numbers.

Non-Illuminated Selector Switches

$$\underline{M22} \; - \; \underline{WRK} \; \underline{\;} \; - \; \underline{X91} \; - \; \underline{K10}$$

Bezel	
M22	= Silver
M22S	= Black
M22M	= Metal

Handle Type [1]	
W	= Momentary rotary
WK	= Momentary knob
WKV	= Maintained V-position knob
WR	= Maintained rotary
WRK	= Maintained knob

Number of Positions	
Blank	= Two-position
3	= Three-position
4	= Four-position

Inscription [2]	
X91	= AUTO-HAND
X92	= II-I

[2] Rotary type only.

Contact Blocks	
K10	= NO
K10P	= NO, early-make

Options	
K11	= NO-NC
K22	= 2NO-2NC
K20	= 2NO
K02	= 2NC

[1] All momentary selector switches can be converted in the field to maintained operation with the removal of a color-coded adapter.

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Product Selection
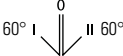
Non-Illuminated Selector Switches

M22-WKV-K10

M22M-WKV-K10

Complete Devices, Knob Type [1]

Type	Switching Position	Contact Block Configuration [2]	Silver Bezel Catalog Number	Black Bezel Catalog Number	Metal Bezel Catalog Number
Two-position	Maintained 40°	NO	M22-WRK-K10	M22S-WRK-K10	M22M-WRK-K10
		1NO-1NC	M22-WRK-K11	M22S-WRK-K11	M22M-WRK-K11
		2NO-2NC	M22-WRK-K22	M22S-WRK-K22	M22M-WRK-K22
	Maintained V 60°	NO	M22-WKV-K10	M22S-WKV-K10	M22M-WKV-K10
		1NO-1NC	M22-WKV-K11	M22S-WKV-K11	M22M-WKV-K11
		2NO-2NC	M22-WKV-K22	M22S-WKV-K22	M22M-WKV-K22
Three-position	Maintained 60° I 0 II 60°	2NO	M22-WRK3-K20	M22S-WRK3-K20	M22M-WRK3-K20
		2NO-2NC	M22-WRK3-K22	M22S-WRK3-K22	M22M-WRK3-K22

Notes

[1] Includes contact block mounting adapter.

[2] All NC contact blocks are positively driven contact. ⊖

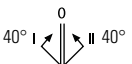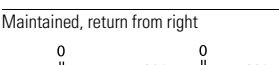## Non-Illuminated Selector Switches
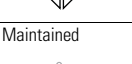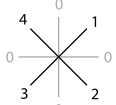
Components
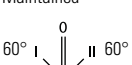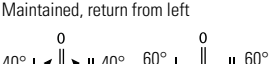
M22-WK

M22M-WK

Operators Only, Knob Type [1]

Type	Switching Position	Silver Bezel Catalog Number	Black Bezel Catalog Number	Metal Bezel Catalog Number
Two-position	Momentary [2] 40°	**M22-WK**	**M22S-WK**	**M22M-WK**
	Maintained 40°	**M22-WRK**	**M22S-WRK**	**M22M-WRK**
	Maintained V 60°	**M22-WKV**	**M22S-WKV**	**M22M-WKV**
Three-position	Momentary [2] 40° I 0 II 40°	**M22-WK3**	**M22S-WK3**	**M22M-WK3**
	Maintained 60° I 0 II 60°	**M22-WRK3**	**M22S-WRK3**	**M22M-WRK3**
	Maintained, return from left 40° I 0 II 40° 60° I 0 II 60°	**M22-WRK3-2**	**M22S-WRK3-2**	**M22M-WRK3-2**
	Maintained, return from right 40° I 0 II 40° 60° I 0 II 60°	**M22-WRK3-1**	**M22S-WRK3-1**	**M22M-WRK3-1**
Four-position	Maintained 4 0 1 0 0 3 0 2	**M22-WRK4**	**M22S-WRK4**	**M22M-WRK4**

Notes

[1] Includes contact block mounting adapter.

[2] Momentary selector switches can be converted in the field to maintained operation with the removal of a color
coded adapter. See **Page V7-T1-118**.

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## Non-Illuminated Selector Switches

Components

M22S-WR3-X94

Operators Only, Rotary Type [1]

Type	Switching Position	Inscription	Silver Bezel Catalog Number	Black Bezel Catalog Number	Metal Bezel Catalog Number
Two-position	Momentary [2] 40°	I-O	**M22-W**	**M22S-W**	**M22M-W**
	Maintained 40°	I-O	**M22-WR**	**M22S-WR**	**M22M-WR**
		Custom	**M22-WR-ETCH** [3]	**M22S-WR-ETCH** [3]	**M22M-WR-ETCH** [3]
		AUTO-HAND	**M22-WR-X91**	**M22S-WR-X91**	**M22M-WR-X91**
		II-I	**M22-WR-X92**	**M22S-WR-X92**	**M22M-WR-X92**
Three-position	Momentary [2] 40° I 40° II	I-O-II	**M22-W3**	**M22S-W3**	**M22M-W3**
	Maintained 60° I 60° II	I-O-II	**M22-WR3**	**M22S-WR3**	**M22M-WR3**
		Custom	**M22-WR3-ETCH** [3]	**M22S-WR3-ETCH** [3]	**M22M-WR3-ETCH** [3]
		AUTO-O-MAN	**M22-WR3-X94**	**M22S-WR3-X94**	**M22M-WR3-X94**
Four-position	Maintained	0-1-0-2-0-3-0-4	**M22-WR4**	**M22S-WR4**	**M22M-WR4**

Notes

[1] Includes contact block mounting adapter.

[2] Momentary selector switches can be converted in the field to maintained operation with the removal of a color coded adapter. See **Page V7-T1-118**.

[3] When ordering, specify inscription per catalog number suffix from the Symbols Library (see **Pages V7-T1-129** to **V7-T1-136**) into the Order Notes. For example, M22-WR3-ETCH; Order Notes: Mark with symbol X88, Line item #_.

Non-Illuminated Selector Switches

max. 5mm thickness

Note: Included with operator.
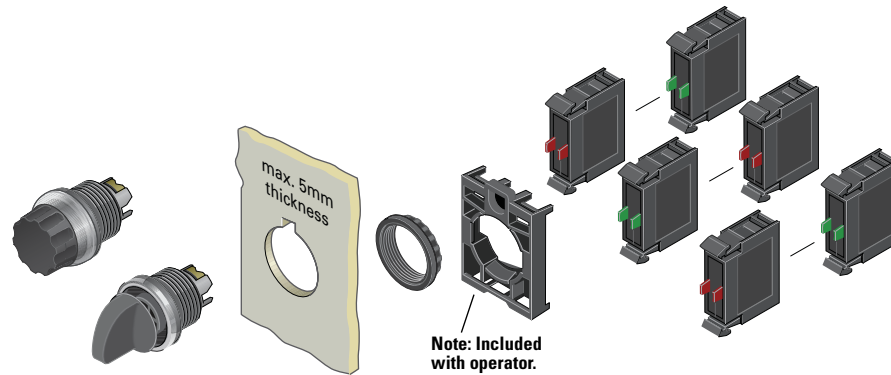
Components

M22-K10

Contact Blocks [1]

Terminal Type	Contact Configuration [2]	Catalog Number
Screw	NO	**M22-K10**
	NO, early-make	**M22-K10P**
	NC	**M22-K01**
	NC, late-break	**M22-K01D**
Spring-cage	NO	**M22-CK10**
	NC	**M22-CK01**
	NC, late-break	**M22-CK01D**
	2NO	**M22-CK20**
	2NC	**M22-CK02**
	NO-NC	**M22-CK11**

Accessories

	Description	Catalog Number
M22-XW	Plunger bridge [3]	**M22-XW**
M22-XWS	Key cover	**M22-XWS**
M22-XC-R	Key withdraw adapter [4]	**M22-XC-R**
M22-XC-Y	Coding adapter	**M22-XC-Y**
M22-XGWK	Guard ring	**M22-XGWK**

Notes

[1] For complete listing of available contact blocks, see Accessories, **Pages V7-T1-111** to **V7-T1-116**.

[2] All NC contact blocks are positively driven contact.

[3] Plunger needed to actuate center-mounted contact blocks. Used for non-illuminated three-position selector switches only.

[4] Enables a keyed selector switch to be set to user-selected key withdraw position.