1

Catalog Number Selection

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

Key-Operated Selector Switches

M22 – WS – MS2 – A1

Bezel	Handle Type	Key Code	Key Removal Position
M22 = Silver **M22S** = Black **M22M** = Metal	**WS** = Two-position, momentary **WS3** = Three-position, momentary **WRS** = Two-position, maintained **WRS3** = Three-position, maintained	**Blank** = MS1 **MS2** = MS2 **MS3** = MS3 **MS4** = MS4 **MS5** = MS5 **MS6** = MS6 **MS7** = MS7 **MS8** = MS8	Refer to coding adapter assembly and functional test guide on **Page V7-T1-118**.

Product Selection

Key-Operated Selector Switches ①②

Components

M22-WS



M22S-WRS



Operators Only ③

Type	Switching Position	Key Removal Position	Key Code	Silver Bezel Catalog Number	Black Bezel Catalog Number	Metal Bezel Catalog Number
Two-position	Momentary ④ 40°	Return from right, key removable left	MS1	**M22-WS**	**M22S-WS**	**M22M-WS**
			MS2	**M22-WS-MS2**	**M22S-WS-MS2**	**M22M-WS-MS2**
			MS3	**M22-WS-MS3**	**M22S-WS-MS3**	**M22M-WS-MS3**
			MS4	**M22-WS-MS4**	**M22S-WS-MS4**	**M22M-WS-MS4**
			MS5	**M22-WS-MS5**	**M22S-WS-MS5**	**M22M-WS-MS5**
			MS6	**M22-WS-MS6**	**M22S-WS-MS6**	**M22M-WS-MS6**
			MS7	**M22-WS-MS7**	**M22S-WS-MS7**	**M22M-WS-MS7**
			MS8	**M22-WS-MS8**	**M22S-WS-MS8**	**M22M-WS-MS8**
Two-position	Maintained 40°	Key removable left	MS1	**M22-WRS-A1**	**M22S-WRS-A1**	**M22M-WRS-A1**
			MS2	**M22-WRS-MS2-A1**	**M22S-WRS-MS2-A1**	**M22M-WRS-MS2-A1**
			MS3	**M22-WRS-MS3-A1**	**M22S-WRS-MS3-A1**	**M22M-WRS-MS3-A1**
			MS4	**M22-WRS-MS4-A1**	**M22S-WRS-MS4-A1**	**M22M-WRS-MS4-A1**
			MS5	**M22-WRS-MS5-A1**	**M22S-WRS-MS5-A1**	**M22M-WRS-MS5-A1**
			MS6	**M22-WRS-MS6-A1**	**M22S-WRS-MS6-A1**	**M22M-WRS-MS6-A1**
			MS7	**M22-WRS-MS7-A1**	**M22S-WRS-MS7-A1**	**M22M-WRS-MS7-A1**
			MS8	**M22-WRS-MS8-A1**	**M22S-WRS-MS8-A1**	**M22M-WRS-MS8-A1**
		Key removable left/right	MS1	**M22-WRS**	**M22S-WRS**	**M22M-WRS**
			MS2	**M22-WRS-MS2**	**M22S-WRS-MS2**	**M22M-WRS-MS2**
			MS3	**M22-WRS-MS3**	**M22S-WRS-MS3**	**M22M-WRS-MS3**
			MS4	**M22-WRS-MS4**	**M22S-WRS-MS4**	**M22M-WRS-MS4**
			MS5	**M22-WRS-MS5**	**M22S-WRS-MS5**	**M22M-WRS-MS5**
			MS6	**M22-WRS-MS6**	**M22S-WRS-MS6**	**M22M-WRS-MS6**
			MS7	**M22-WRS-MS7**	**M22S-WRS-MS7**	**M22M-WRS-MS7**
			MS8	**M22-WRS-MS8**	**M22S-WRS-MS8**	**M22M-WRS-MS8**

Notes

① Includes one key.
② Key removal positions can be modified in the field using coding adapters; see chart on **Page V7-T1-118**.
③ Includes contact block mounting adapter.
④ 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**.

Key-Operated Selector Switches ①②
Components

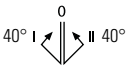
M22-WS3-X93



M22M-WS3-X93



Operators Only, continued ③

Type	Switching Position	Key Removal Position	Key Code	Silver Bezel Catalog Number	Black Bezel Catalog Number	Metal Bezel Catalog Number
Three-position	Momentary ④ 	Return from left/right, key removable center	MS1	**M22-WS3**	**M22S-WS3**	**M22M-WS3**
			MS2	**M22-WS3-MS2**	**M22S-WS3-MS2**	**M22M-WS3-MS2**
			MS3	**M22-WS3-MS3**	**M22S-WS3-MS3**	**M22M-WS3-MS3**
			MS4	**M22-WS3-MS4**	**M22S-WS3-MS4**	**M22M-WS3-MS4**
			MS5	**M22-WS3-MS5**	**M22S-WS3-MS5**	**M22M-WS3-MS5**
			MS6	**M22-WS3-MS6**	**M22S-WS3-MS6**	**M22M-WS3-MS6**
			MS7	**M22-WS3-MS7**	**M22S-WS3-MS7**	**M22M-WS3-MS7**
			MS8	**M22-WS3-MS8**	**M22S-WS3-MS8**	**M22M-WS3-MS8**
Three-position	Maintained 	Key removable left/center/right	MS1	**M22-WRS3-A1**	**M22S-WRS3-A1**	**M22M-WRS3-A1**
			MS2	**M22-WRS3-MS2-A1**	**M22S-WRS3-MS2-A1**	**M22M-WRS3-MS2-A1**
			MS3	**M22-WRS3-MS3-A1**	**M22S-WRS3-MS3-A1**	**M22M-WRS3-MS3-A1**
			MS4	**M22-WRS3-MS4-A1**	**M22S-WRS3-MS4-A1**	**M22M-WRS3-MS4-A1**
			MS5	**M22-WRS3-MS5-A1**	**M22S-WRS3-MS5-A1**	**M22M-WRS3-MS5-A1**
			MS6	**M22-WRS3-MS6-A1**	**M22S-WRS3-MS6-A1**	**M22M-WRS3-MS6-A1**
			MS7	**M22-WRS3-MS7-A1**	**M22S-WRS3-MS7-A1**	**M22M-WRS3-MS7-A1**
			MS8	**M22-WRS3-MS8-A1**	**M22S-WRS3-MS8-A1**	**M22M-WRS3-MS8-A1**
		Key removable center/left	MS1	**M22-WRS3-A2**	**M22S-WRS3-A2**	**M22M-WRS3-A2**
			MS2	**M22-WRS3-MS2-A2**	**M22S-WRS3-MS2-A2**	**M22M-WRS3-MS2-A2**
			MS3	**M22-WRS3-MS3-A2**	**M22S-WRS3-MS3-A2**	**M22M-WRS3-MS3-A2**
			MS4	**M22-WRS3-MS4-A2**	**M22S-WRS3-MS4-A2**	**M22M-WRS3-MS4-A2**
			MS5	**M22-WRS3-MS5-A2**	**M22S-WRS3-MS5-A2**	**M22M-WRS3-MS5-A2**
			MS6	**M22-WRS3-MS6-A2**	**M22S-WRS3-MS6-A2**	**M22M-WRS3-MS6-A2**
			MS7	**M22-WRS3-MS7-A2**	**M22S-WRS3-MS7-A2**	**M22M-WRS3-MS7-A2**
			MS8	**M22-WRS3-MS8-A2**	**M22S-WRS3-MS8-A2**	**M22M-WRS3-MS8-A2**
		Key removable center/right	MS1	**M22-WRS3-A3**	**M22S-WRS3-A3**	**M22M-WRS3-A3**
			MS2	**M22-WRS3-MS2-A3**	**M22S-WRS3-MS2-A3**	**M22M-WRS3-MS2-A3**
			MS3	**M22-WRS3-MS3-A3**	**M22S-WRS3-MS3-A3**	**M22M-WRS3-MS3-A3**
			MS4	**M22-WRS3-MS4-A3**	**M22S-WRS3-MS4-A3**	**M22M-WRS3-MS4-A3**
			MS5	**M22-WRS3-MS5-A3**	**M22S-WRS3-MS5-A3**	**M22M-WRS3-MS5-A3**
			MS6	**M22-WRS3-MS6-A3**	**M22S-WRS3-MS6-A3**	**M22M-WRS3-MS6-A3**
			MS7	**M22-WRS3-MS7-A3**	**M22S-WRS3-MS7-A3**	**M22M-WRS3-MS7-A3**
			MS8	**M22-WRS3-MS8-A3**	**M22S-WRS3-MS8-A3**	**M22M-WRS3-MS8-A3**
		Key removable left/right	MS1	**M22-WRS3**	**M22S-WRS3**	**M22M-WRS3**
			MS2	**M22-WRS3-MS2**	**M22S-WRS3-MS2**	**M22M-WRS3-MS2**
			MS3	**M22-WRS3-MS3**	**M22S-WRS3-MS3**	**M22M-WRS3-MS3**
			MS4	**M22-WRS3-MS4**	**M22S-WRS3-MS4**	**M22M-WRS3-MS4**
			MS5	**M22-WRS3-MS5**	**M22S-WRS3-MS5**	**M22M-WRS3-MS5**
			MS6	**M22-WRS3-MS6**	**M22S-WRS3-MS6**	**M22M-WRS3-MS6**
			MS7	**M22-WRS3-MS7**	**M22S-WRS3-MS7**	**M22M-WRS3-MS7**
			MS8	**M22-WRS3-MS8**	**M22S-WRS3-MS8**	**M22M-WRS3-MS8**

Notes

① Includes one key.

② Key removal positions can be modified in the field using coding adapters; see chart on **Page V7-T1-118**.

③ Includes contact block mounting adapter.

④ 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**.

1

Key-Operated Selector Switches [1][2]

Components

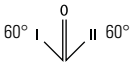
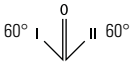
M22-WS3-X93



M22M-WS3-X93



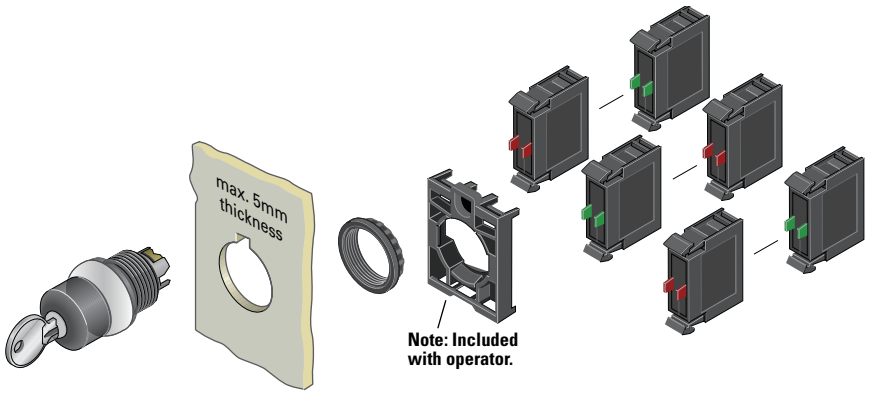
Operators Only, continued [3]

Type	Switching Position	Key Removal Position	Key Code	Silver Bezel Catalog Number	Black Bezel Catalog Number	Metal Bezel Catalog Number
Three-position	Maintained 	Return from left, key removable center	MS1	**M22-WRS3-A7**	**M22S-WRS3-A7**	**M22M-WRS3-A7**
			MS2	**M22-WRS3-MS2-A7**	**M22S-WRS3-MS2-A7**	**M22M-WRS3-MS2-A7**
			MS3	**M22-WRS3-MS3-A7**	**M22S-WRS3-MS3-A7**	**M22M-WRS3-MS3-A7**
			MS4	**M22-WRS3-MS4-A7**	**M22S-WRS3-MS4-A7**	**M22M-WRS3-MS4-A7**
			MS5	**M22-WRS3-MS5-A7**	**M22S-WRS3-MS5-A7**	**M22M-WRS3-MS5-A7**
			MS6	**M22-WRS3-MS6-A7**	**M22S-WRS3-MS6-A7**	**M22M-WRS3-MS6-A7**
			MS7	**M22-WRS3-MS7-A7**	**M22S-WRS3-MS7-A7**	**M22M-WRS3-MS7-A7**
			MS8	**M22-WRS3-MS8-A7**	**M22S-WRS3-MS8-A7**	**M22M-WRS3-MS8-A7**
		Return from left, key removable center/right	MS1	**M22-WRS3-A6**	**M22S-WRS3-A6**	**M22M-WRS3-A6**
			MS2	**M22-WRS3-MS2-A6**	**M22S-WRS3-MS2-A6**	**M22M-WRS3-MS2-A6**
			MS3	**M22-WRS3-MS3-A6**	**M22S-WRS3-MS3-A6**	**M22M-WRS3-MS3-A6**
			MS4	**M22-WRS3-MS4-A6**	**M22S-WRS3-MS4-A6**	**M22M-WRS3-MS4-A6**
			MS5	**M22-WRS3-MS5-A6**	**M22S-WRS3-MS5-A6**	**M22M-WRS3-MS5-A6**
			MS6	**M22-WRS3-MS6-A6**	**M22S-WRS3-MS6-A6**	**M22M-WRS3-MS6-A6**
			MS7	**M22-WRS3-MS7-A6**	**M22S-WRS3-MS7-A6**	**M22M-WRS3-MS7-A6**
			MS8	**M22-WRS3-MS8-A6**	**M22S-WRS3-MS8-A6**	**M22M-WRS3-MS8-A6**
Three-position	Maintained 	Return from right, key removable left/center	MS1	**M22-WRS3-A4**	**M22S-WRS3-A4**	**M22M-WRS3-A4**
			MS2	**M22-WRS3-MS2-A4**	**M22S-WRS3-MS2-A4**	**M22M-WRS3-MS2-A4**
			MS3	**M22-WRS3-MS3-A4**	**M22S-WRS3-MS3-A4**	**M22M-WRS3-MS3-A4**
			MS4	**M22-WRS3-MS4-A4**	**M22S-WRS3-MS4-A4**	**M22M-WRS3-MS4-A4**
			MS5	**M22-WRS3-MS5-A4**	**M22S-WRS3-MS5-A4**	**M22M-WRS3-MS5-A4**
			MS6	**M22-WRS3-MS6-A4**	**M22S-WRS3-MS6-A4**	**M22M-WRS3-MS6-A4**
			MS7	**M22-WRS3-MS7-A4**	**M22S-WRS3-MS7-A4**	**M22M-WRS3-MS7-A4**
			MS8	**M22-WRS3-MS8-A4**	**M22S-WRS3-MS8-A4**	**M22M-WRS3-MS8-A4**
		Return from right, key removable center	MS1	**M22-WRS3-A5**	**M22S-WRS3-A5**	**M22M-WRS3-A5**
			MS2	**M22-WRS3-MS2-A5**	**M22S-WRS3-MS2-A5**	**M22M-WRS3-MS2-A5**
			MS3	**M22-WRS3-MS3-A5**	**M22S-WRS3-MS3-A5**	**M22M-WRS3-MS3-A5**
			MS4	**M22-WRS3-MS4-A5**	**M22S-WRS3-MS4-A5**	**M22M-WRS3-MS4-A5**
			MS5	**M22-WRS3-MS5-A5**	**M22S-WRS3-MS5-A5**	**M22M-WRS3-MS5-A5**
			MS6	**M22-WRS3-MS6-A5**	**M22S-WRS3-MS6-A5**	**M22M-WRS3-MS6-A5**
			MS7	**M22-WRS3-MS7-A5**	**M22S-WRS3-MS7-A5**	**M22M-WRS3-MS7-A5**
			MS8	**M22-WRS3-MS8-A5**	**M22S-WRS3-MS8-A5**	**M22M-WRS3-MS8-A5**

Notes

[1] Includes one key.
[2] Key removal positions can be modified in the field using coding adapters; see chart on **Page V7-T1-118**.
[3] Includes contact block mounting adapter.

Key-Operated Selector Switches



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**

M22-ES-MS1



Extra Keys

Key Code	Catalog Number
MS1	**M22-ES-MS1**
MS2	**M22-ES-MS2**
MS3	**M22-ES-MS3**
MS4	**M22-ES-MS4**
MS5	**M22-ES-MS5**
MS6	**M22-ES-MS6**
MS7	**M22-ES-MS7**
MS8	**M22-ES-MS8**

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.