

Pushbuttons—Non-Illuminated and Illuminated**Contents****Description****Page**

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Pushbuttons—Non-Illuminated and Illuminated**Product Description**

Eaton's M22 pushbutton line is a complete, modular and versatile offering. From field-convertible maintained operators to customizable laser engraved buttons, the M22 pushbutton line provides endless opportunity for flexibility and reduced inventory. Each operator type provides options for ordering as complete or component parts allowing for a perfect fit for each application. All of this flexibility comes in a very rugged design.

Features

- Field convertible from maintained to momentary (available on maintained pushbuttons only)
- Customizable laser engraving on all buttons
- LED offering only for improved brightness quality and up to 100,000 hours of operation
- More than five million mechanical operations on momentary and 1 million on maintained pushbuttons
- Modular construction makes assembly fast and simplifies stocking of components and complete devices
- Capable of communicating via ASi protocol with ASi adapter modules

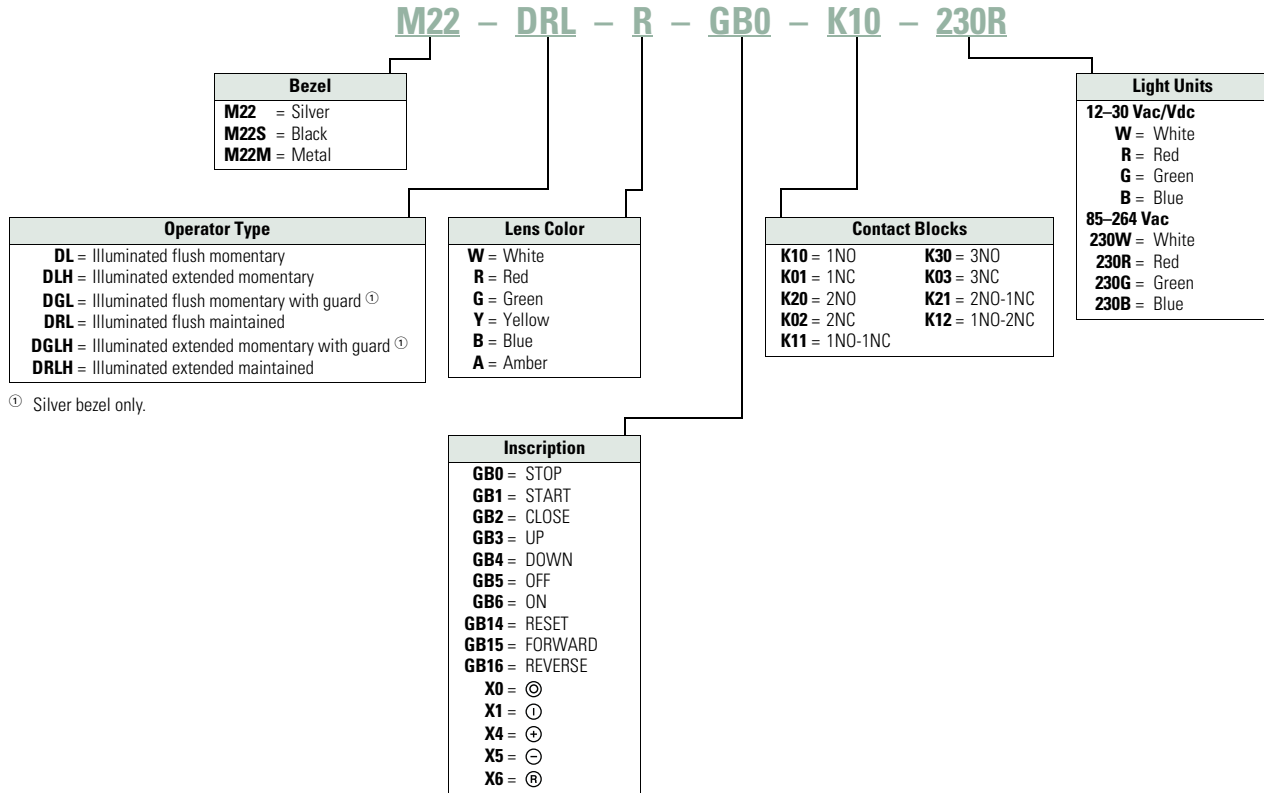
Protection Type

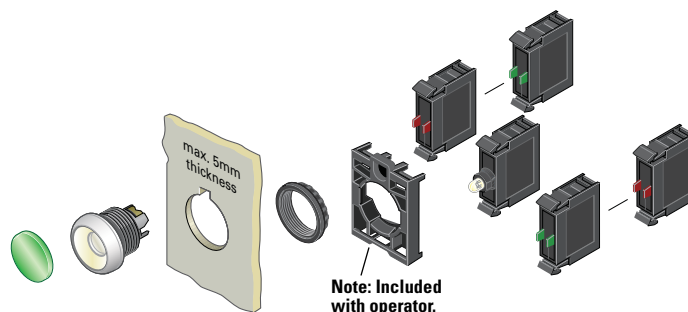
- IP67, IP69K
- NEMA 4X, 13

1

Catalog Number Selection

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

Illuminated Pushbuttons

Illuminated Pushbuttons, Flush, Maintained^①

Components

M22-XDL-W

Button Lenses^②

Color	Inscription	Catalog Number
Red	—	M22-XDL-R ^③
	Custom	M22-XDL-R-ETCH ^④
	STOP	M22-XDL-R-GB0
	OFF	M22-XDL-R-GB5
	⊙	M22-XDL-R-X0
Green	—	M22-XDL-G ^③
	Custom	M22-XDL-G-ETCH ^④
	START	M22-XDL-G-GB1
	ON	M22-XDL-G-GB6
	①	M22-XDL-G-X1
Blue	—	M22-XDL-B ^③
	Custom	M22-XDL-B-ETCH ^④
	RESET	M22-XDL-B-GB14
	Ⓡ	M22-XDL-B-X6
White	—	M22-XDL-W ^③
Yellow	Custom	M22-XDL-W-ETCH ^④
	Custom	M22-XDL-Y-ETCH ^④
Amber	—	M22-XDL-A
	Custom	M22-XDL-A-ETCH

Buttonless Operator

Silver Bezel Catalog Number ^⑤	Black Bezel Catalog Number ^⑤	Metal Bezel Catalog Number ^⑤
M22-DRL-X	M22S-DRL-X	M22M-DRL-X

M22-DRL-X



M22S-DRL-X



M22M-DRL-X



M22-LED-W



M22-FLED-

Light Units^②

Terminal Type	LED Color	Light Unit Voltage	Catalog Number
Screw	White	12–30 Vac/Vdc	M22-LED-W
	Red		M22-LED-R
	Green		M22-LED-G
	Blue		M22-LED-B
Screw	White	85–264 Vac	M22-LED230-W
	Red		M22-LED230-R
	Green		M22-LED230-G
	Blue		M22-LED230-B
Spring-cage	White	12–30 Vac/Vdc	M22-FLED-W
	Red		M22-FLED-R
	Green		M22-FLED-G
	Blue	24 Vdc	M22-FLED-B
	Red/Green/ Yellow		M22-FLED-RG ^⑥
	Red, Green, Blue, Yellow, White, Violet, Turquoise		M22-FLED-RGB ^⑥

M22-K10



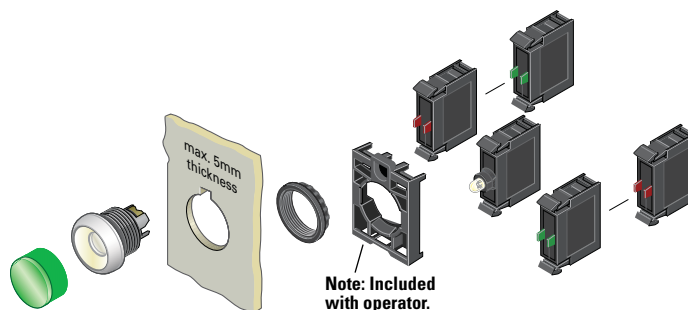
M22-FK01

Contact Blocks^②

Terminal Type	Contact Configuration ^⑦	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
	NC	M22-FK01 ^⑥
	NO	M22-FK10 ^⑥

Notes

- ① Maintained pushbuttons can be converted in the field to momentary operation by switching the locking ring, which is accessible through the side of the operator body.
- ② For complete listing of available button lenses, light units and contact blocks, see Accessories, **Pages V7-T1-105 to V7-T1-110**.
- ③ Minimum order quantity of (10).
- ④ When ordering, specify inscription per catalog number suffix from the Symbols Library (see **Pages V7-T1-123 to V7-T1-130**) into the Order Notes. For example, M22-XDL-R-ETCH; Order Notes: Mark with symbol X91, Line item #__.
- ⑤ Includes contact block mounting adapter.
- ⑥ Please see color input key on **Page V7-T1-108**.
- ⑦ All NC contact blocks are positively driven contact. ⊖
- ⑧ Additional contacts may not be stacked behind M22-F type contact blocks, M22-F can be stacked behind standard M22 contacts only.

Illuminated Pushbuttons, Extended, Maintained ^①

Components

M22-XDLH-W

Button Lenses ^②

Color	Inscription	Catalog Number
Red	—	M22-XDLH-R ^③
	Custom	M22-XDLH-R-ETCH ^④
	STOP	M22-XDLH-R-GB0
	OFF	M22-XDLH-R-GB5
	⊙	M22-XDLH-R-X0
Green	—	M22-XDLH-G ^③
	Custom	M22-XDLH-G-ETCH ^④
	START	M22-XDLH-G-GB1
	ON	M22-XDLH-G-GB6
	①	M22-XDLH-G-X1
Blue	—	M22-XDLH-B ^③
	Custom	M22-XDLH-B-ETCH ^④
	RESET	M22-XDLH-B-GB14
	Ⓜ	M22-XDLH-B-X6
White	—	M22-XDLH-W ^③
Yellow	Custom	M22-XDLH-W-ETCH ^④
	Custom	M22-XDLH-Y-ETCH ^④
Amber	—	M22-XDLH-A
	Custom	M22-XDLH-A-ETCH

M22-DRL-X



M22S-DRL-X



M22M-DRL-X



Buttonless Operator

Silver Bezel Catalog Number ^⑤	Black Bezel Catalog Number ^⑤	Metal Bezel Catalog Number ^⑤
M22-DRL-X	M22S-DRL-X	M22M-DRL-X

M22-LED-W



M22-FLED-



M22-K10



M22-FK01

Light Units ^②

Terminal Type	LED Color	Light Unit Voltage	Catalog Number
Screw	White	12–30 Vac/Vdc	M22-LED-W
	Red		M22-LED-R
	Green		M22-LED-G
	Blue		M22-LED-B
Screw	White	85–264 Vac	M22-LED230-W
	Red		M22-LED230-R
	Green		M22-LED230-G
	Blue		M22-LED230-B
Spring-cage	White	12–30 Vac/Vdc	M22-FLED-W
	Red		M22-FLED-R
	Green		M22-FLED-G
	Blue		M22-FLED-B
	Red/Green/ Yellow	24 Vdc	M22-FLED-RG ^⑥
	Red, Green, Blue, Yellow, White, Violet, Turquoise		M22-FLED-RGB ^⑥

Contact Blocks ^②

Terminal Type	Contact Configuration ^⑦	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
	NC	M22-FK01 ^⑧
	NO	M22-FK10 ^⑧

Notes

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- ⑤ Includes contact block mounting adapter.
- ⑥ Please see color input key on **Page V7-T1-108**.
- ⑦ All NC contact blocks are positively driven contact. ⚡
- ⑧ Additional contacts may not be stacked behind M22-F type contact blocks, M22-F can be stacked behind standard M22 contacts only.