Illuminated Pushbuttons, Flush, Maintained [1]

Note: Included with operator.
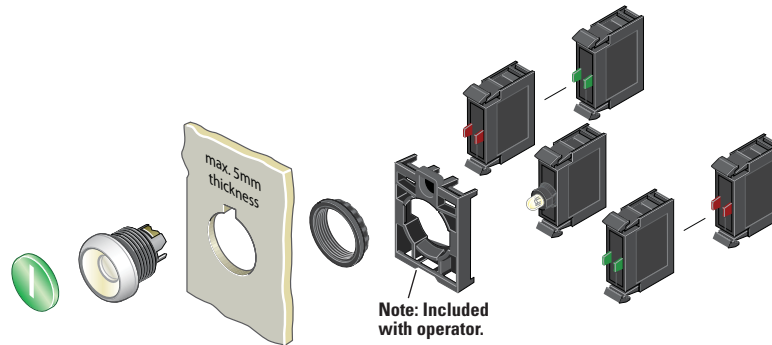
Components

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
	Ⓘ	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]
	Custom	M22-XDL-W-ETCH [4]
Yellow	—	M22-XDL-Y [3]
	Custom	M22-XDL-Y-ETCH [4]

Buttonless Operator

Bezel	Catalog Number [5]
Silver	M22-DRL-X

M22-DRL-X

M22S-DRL-X

Black	M22S-DRL-X

M22-LED-W

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

M22-K10

Contact Blocks [2]

Terminal Type	Contact Configuration [6]	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

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 96–101**.

[3] Minimum order quantity of (10).

[4] When ordering, specify inscription per catalog number suffix from the Symbols Library (see **Pages 114–121**) 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] All NC contact blocks are positively driven contact. ⊖

Features

- Field convertible pushbuttons and mushroom operators from maintained to momentary status
- Field convertible selector switches from momentary to maintained operation and vice versa
- LED offering only for all illuminated operators
- Laser engraved pushbuttons, lenses and enclosures
- Heavy-duty construction with a minimum of IP66 and UL NEMA® type 4X / 13 on front of panel operators. Many operators even carry IP67 and IP69K, for the toughest applications

- Silver or black colored nylon bezels
- Snap-lock contact blocks and light units for front or base mounting
- Notched hole mounting with anti-rotation tab and central nut mounting on each operator
- Over 5 million mechanical operations and 1.6 million electrical (reference specification sheet)
- Direct opening action normally closed contacts
- Unique and innovative offerings, such as four-way pushbuttons and USB/RJ45 bulkhead interfaces
- Screw or spring-cage terminals

Benefits

- Modular construction makes assembly fast and simplifies stocking of components and complete devices
- Field convertibility of operator status for pushbuttons and selector switches helps distributors and customers reduce inventory and increase functionality
- LED offering only for improved brightness quality and up to 100,000 hours of operation
- Plastic construction is corrosion resistant. Operators are designed for rugged environments, ideal for washdown applications (reference each operator's IP ratings and IEC/EN 60529 for ingress protection definition)

- Anti-rotation tab saves installation time and prevents operator rotation
- High mechanical and electrical life allows for use in tough and challenging applications
- Laser inscription capabilities allow for high-quality, wear-resistant markings
- All normally closed (NC) contacts are direct opening action, i.e., NC contacts are physically forced open by direct linkage with the pushbutton operator in the unlikely event of contact weld
- Some M22 operators are capable of communication via ASi protocol
- M22 offers USB and RJ45 connections

Product Selection Guide

Pushbuttons

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Description	Non-illuminated, flush		Non-illuminated, extended		Illuminated, flush		Illuminated, extended	
Operator	Momentary	Maintained	Momentary	Maintained	Momentary	Maintained	Momentary	Maintained
Product Selection	Pages 36–38	Pages 39, 40	Pages 41, 42	Pages 43, 44	Pages 46–48	Pages 49, 50	Pages 51, 52	Pages 53, 54

Indicating Lights

Description	Indicating lights
Product Selection	Pages 55, 56