

Pushbuttons—Non-Illuminated and Illuminated



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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

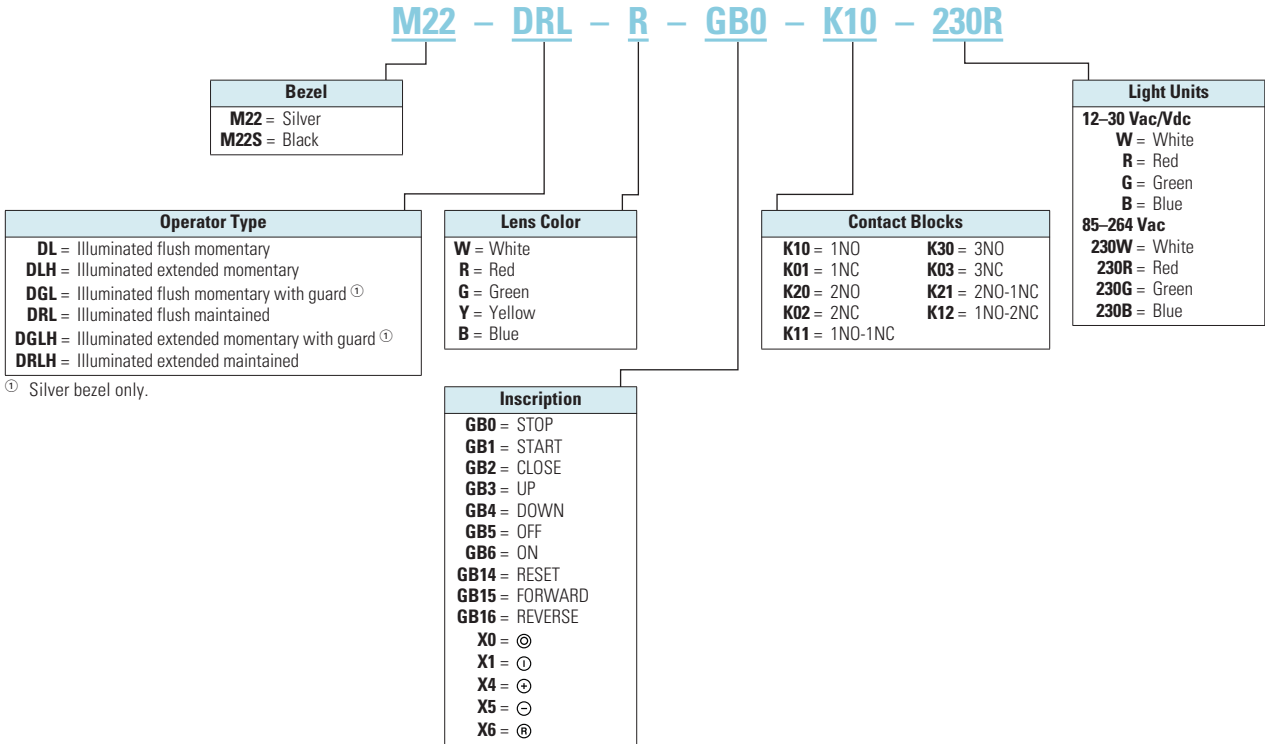
**Protection Type**

- IP67, IP69K
- NEMA 4X, 13

**Catalog Number Selection**

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



**Illuminated Pushbuttons**



#### Product Selection

#### Illuminated Pushbuttons, Flush, Momentary

#### Complete Devices

	Bezel	Button Color	Contact Block Configuration <sup>①</sup>	Light Unit Voltage	Catalog Number
<b>M22-DL-G-K01-G</b> 	Silver	Red	NC	12–30 Vac/Vdc	<b>M22-DL-R-K01-R</b>
			NC	85–264 Vac	<b>M22-DL-R-K01-230R</b>
			2NC	12–30 Vac/Vdc	<b>M22-DL-R-K02-R</b>
			2NC	85–264 Vac	<b>M22-DL-R-K02-230R</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22-DL-R-K11-R</b>
			1NO/1NC	85–264 Vac	<b>M22-DL-R-K11-230R</b>
		Green	NO	12–30 Vac/Vdc	<b>M22-DL-G-K10-G</b>
			NO	85–264 Vac	<b>M22-DL-G-K10-230G</b>
			2NO	12–30 Vac/Vdc	<b>M22-DL-G-K20-G</b>
			2NO	85–264 Vac	<b>M22-DL-G-K20-230G</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22-DL-G-K11-G</b>
			1NO/1NC	85–264 Vac	<b>M22-DL-G-K11-230G</b>
		White	NO	12–30 Vac/Vdc	<b>M22-DL-W-K10-W</b>
			NO	85–264 Vac	<b>M22-DL-W-K10-230W</b>
			2NO	12–30 Vac/Vdc	<b>M22-DL-W-K20-W</b>
			2NO	85–264 Vac	<b>M22-DL-W-K20-230W</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22-DL-W-K11-W</b>
			1NO/1NC	85–264 Vac	<b>M22-DL-W-K11-230W</b>
<b>M22S-DL-G-K01-G</b> 	Black	Red	NC	12–30 Vac/Vdc	<b>M22S-DL-R-K01-R</b>
			NC	85–264 Vac	<b>M22S-DL-R-K01-230R</b>
			2NC	12–30 Vac/Vdc	<b>M22S-DL-R-K02-R</b>
			2NC	85–264 Vac	<b>M22S-DL-R-K02-230R</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22S-DL-R-K11-R</b>
			1NO/1NC	85–264 Vac	<b>M22S-DL-R-K11-230R</b>
		Green	NO	12–30 Vac/Vdc	<b>M22S-DL-G-K10-G</b>
			NO	85–264 Vac	<b>M22S-DL-G-K10-230G</b>
			2NO	12–30 Vac/Vdc	<b>M22S-DL-G-K20-G</b>
			2NO	85–264 Vac	<b>M22S-DL-G-K20-230G</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22S-DL-G-K11-G</b>
			1NO/1NC	85–264 Vac	<b>M22S-DL-G-K11-230G</b>
		White	NO	12–30 Vac/Vdc	<b>M22S-DL-W-K10-W</b>
			NO	85–264 Vac	<b>M22S-DL-W-K10-230W</b>
			2NO	12–30 Vac/Vdc	<b>M22S-DL-W-K20-W</b>
			2NO	85–264 Vac	<b>M22S-DL-W-K20-230W</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22S-DL-W-K11-W</b>
			1NO/1NC	85–264 Vac	<b>M22S-DL-W-K11-230W</b>

**Note**

<sup>①</sup> All NC contact blocks are positively driven contact. ⊖

### Illuminated Pushbuttons, Flush, Momentary

#### Operators Only <sup>①</sup>



	Bezel	Button Color	Catalog Number
<b>M22-DL-G</b> 	Silver	Red	<b>M22-DL-R</b>
		Green	<b>M22-DL-G</b>
		White	<b>M22-DL-W</b>
		Blue	<b>M22-DL-B</b>
		Yellow	<b>M22-DL-Y</b>
<b>M22S-DL-G</b> 	Black	Red	<b>M22S-DL-R</b>
		Green	<b>M22S-DL-G</b>
		White	<b>M22S-DL-W</b>
		Blue	<b>M22S-DL-B</b>
		Yellow	<b>M22S-DL-Y</b>
<b>M22-DGL-G</b> 	Silver guarded	Red	<b>M22-DGL-R</b>
		Green	<b>M22-DGL-G</b>
		White	<b>M22-DGL-W</b>
		Blue	<b>M22-DGL-B</b>
		Yellow	<b>M22-DGL-Y</b>

**Note**



<sup>①</sup> Includes contact block mounting adapter.

**Illuminated Pushbuttons, Flush, Maintained** <sup>②</sup>

**Complete Devices**

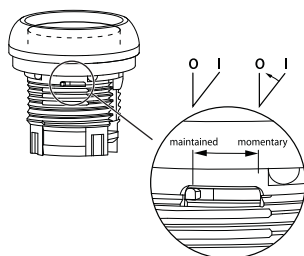
	Bezel	Button Color	Contact Block Configuration <sup>①</sup>	Light Unit Voltage	Catalog Number
<b>M22-DRL-W-K10-W</b> 	Silver	White	NO	12–30 Vac/Vdc	<b>M22-DRL-W-K10-W</b>
			NO	85–264 Vac	<b>M22-DRL-W-K10-230W</b>
			NC	12–30 Vac/Vdc	<b>M22-DRL-W-K01-W</b>
			NC	85–264 Vac	<b>M22-DRL-W-K01-230W</b>
			2NO	12–30 Vac/Vdc	<b>M22-DRL-W-K20-W</b>
			2NO	85–264 Vac	<b>M22-DRL-W-K20-230W</b>
			2NC	12–30 Vac/Vdc	<b>M22-DRL-W-K02-W</b>
			2NC	85–264 Vac	<b>M22-DRL-W-K02-230W</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22-DRL-W-K11-W</b>
			1NO/1NC	85–264 Vac	<b>M22-DRL-W-K11-230W</b>
<b>M22S-DRL-W-K10-W</b> 	Black	White	NO	12–30 Vac/Vdc	<b>M22S-DRL-W-K10-W</b>
			NO	85–264 Vac	<b>M22S-DRL-W-K10-230W</b>
			NC	12–30 Vac/Vdc	<b>M22S-DRL-W-K01-W</b>
			NC	85–264 Vac	<b>M22S-DRL-W-K01-230W</b>
			2NO	12–30 Vac/Vdc	<b>M22S-DRL-W-K20-W</b>
			2NO	85–264 Vac	<b>M22S-DRL-W-K20-230W</b>
			2NC	12–30 Vac/Vdc	<b>M22S-DRL-W-K02-W</b>
			2NC	85–264 Vac	<b>M22S-DRL-W-K02-230W</b>
			1NO/1NC	12–30 Vac/Vdc	<b>M22S-DRL-W-K11-W</b>
			1NO/1NC	85–264 Vac	<b>M22S-DRL-W-K11-230W</b>

**Operators Only** <sup>③</sup>

	Bezel	Button Color	Catalog Number
<b>M22-DRL-W</b> 	Silver	Red	<b>M22-DRL-R</b>
		Green	<b>M22-DRL-G</b>
		White	<b>M22-DRL-W</b>
		Blue	<b>M22-DRL-B</b>
		Yellow	<b>M22-DRL-Y</b>
<b>M22S-DRL-W</b> 	Black	Red	<b>M22S-DRL-R</b>
		Green	<b>M22S-DRL-G</b>
		White	<b>M22S-DRL-W</b>
		Blue	<b>M22S-DRL-B</b>
		Yellow	<b>M22S-DRL-Y</b>

**Notes**



- ① All NC contact blocks are positively driven contact. ⊖
- ② 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.
- ③ Includes contact block mounting adapter.



**Note:** This pilot device features a selectable function switch that enables the device to be set to either maintained or momentary operation.

**Illuminated Pushbuttons, Extended, Momentary**

**Complete Devices**

	Bezel	Button Color	Contact Block Configuration <sup>①</sup>	Light Unit Voltage	Catalog Number
 <p><b>M22-DLH-R-K11-R</b></p>	Silver	Red	1NO/1NC	12–30 Vac/Vdc	<b>M22-DLH-R-K11-R</b>
			1NO/1NC	85–264 Vac	<b>M22-DLH-R-K11-230R</b>
		Green	2NO	12–30 Vac/Vdc	<b>M22-DLH-G-K20-G</b>
			2NO	85–264 Vac	<b>M22-DLH-G-K20-230G</b>
		White	2NO	12–30 Vac/Vdc	<b>M22-DLH-W-K20-W</b>
2NO	85–264 Vac		<b>M22-DLH-W-K20-230W</b>		
 <p><b>M22S-DLH-R-K11-R</b></p>	Black	Red	1NO/1NC	12–30 Vac/Vdc	<b>M22S-DLH-R-K11-R</b>
			1NO/1NC	85–264 Vac	<b>M22S-DLH-R-K11-230R</b>
		Green	2NO	12–30 Vac/Vdc	<b>M22S-DLH-G-K20-G</b>
			2NO	85–264 Vac	<b>M22S-DLH-G-K20-230G</b>
		White	2NO	12–30 Vac/Vdc	<b>M22S-DLH-W-K20-W</b>
			2NO	85–264 Vac	<b>M22S-DLH-W-K20-230W</b>

**Complete Press-to-Test Units**

Bezel	Button Color	Light Unit Voltage	Catalog Number		
Silver	Red	12–30 Vac/Vdc	<b>M22-T-R-R</b>		
			<b>M22-T-B-B</b>		
			<b>M22-T-Y-W</b>		
			<b>M22-T-G-G</b>		
			<b>M22-T-W-W</b>		
			<b>M22-T-R-230R</b>		
	Blue	85–264 Vac	<b>M22-T-R-230B</b>		
			<b>M22-T-Y-230W</b>		
			<b>M22-T-G-230G</b>		
			<b>M22-T-W-230W</b>		
			Red	12–30 Vac/Vdc	<b>M22S-T-R-R</b>
					<b>M22S-T-B-B</b>
	Yellow		<b>M22S-T-Y-W</b>		
			<b>M22S-T-G-G</b>		
Green		<b>M22S-T-G-G</b>			
		<b>M22S-T-W-W</b>			
Black	Red	12–30 Vac/Vdc	<b>M22S-T-R-R</b>		
			<b>M22S-T-B-B</b>		
			<b>M22S-T-Y-W</b>		
			<b>M22S-T-G-G</b>		
			<b>M22S-T-W-W</b>		
			<b>M22S-T-R-230R</b>		
	Blue	85–264 Vac	<b>M22S-T-B-230B</b>		
			<b>M22S-T-Y-230W</b>		
			<b>M22S-T-G-230G</b>		
			<b>M22S-T-W-230W</b>		

**Operators Only <sup>②</sup>**



	Bezel	Button Color	Catalog Number
 <p><b>M22-DLH-R</b></p>	Silver	Red	<b>M22-DLH-R</b>
		Green	<b>M22-DLH-G</b>
		White	<b>M22-DLH-W</b>
		Blue	<b>M22-DLH-B</b>
		Yellow	<b>M22-DLH-Y</b>
 <p><b>M22S-DLH-R</b></p>	Black	Red	<b>M22S-DLH-R</b>
		Green	<b>M22S-DLH-G</b>
		White	<b>M22S-DLH-W</b>
		Blue	<b>M22S-DLH-B</b>
		Yellow	<b>M22S-DLH-Y</b>
 <p><b>M22-DGLH-R</b></p>	Silver guarded	Red	<b>M22-DGLH-R</b>
		Green	<b>M22-DGLH-G</b>
		White	<b>M22-DGLH-W</b>
		Blue	<b>M22-DGLH-B</b>
		Yellow	<b>M22-DGLH-Y</b>

**Notes**

- ① All NC contact blocks are positively driven contact. ⊖
- ② Includes contact block mounting adapter.

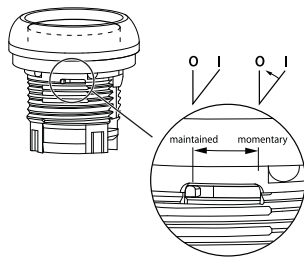
**Illuminated Pushbuttons, Extended, Maintained** <sup>①</sup>

**Operators Only** <sup>②</sup>

	Bezel	Button Color	Catalog Number
<b>M22-DRLH-W</b> 	Silver	Red	<b>M22-DRLH-R</b>
		Green	<b>M22-DRLH-G</b>
		White	<b>M22-DRLH-W</b>
		Blue	<b>M22-DRLH-B</b>
		Yellow	<b>M22-DRLH-Y</b>
<b>M22S-DRLH-W</b> 	Black	Red	<b>M22S-DRLH-R</b>
		Green	<b>M22S-DRLH-G</b>
		White	<b>M22S-DRLH-W</b>
		Blue	<b>M22S-DRLH-B</b>
		Yellow	<b>M22S-DRLH-Y</b>

**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 Includes contact block mounting adapter.



**Note:** This pilot device features a selectable function switch that enables the device to be set to either maintained or momentary operation.