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### Emergency Stops

#### Product Description

Eaton's M22 emergency stops are a durable and reliable solution to a variety of e-stop applications. With standard push-pull, as well as twist-to-release and key-release, illuminated options and red or black operators, the M22 e-stop is a robust solution. As with all operators, they can be ordered as a ready to install complete device or as modular components for the perfect fit.

#### Features

- Push-pull and twist to release options available as well as illuminated and keyed release
- LED offering only for improved brightness quality and up to 100,000 hours of operation
- More than 100,000 mechanical operations
- Capable of communicating via ASi protocol with ASi adapter modules
- Suitable for use in safety applications up to Category-4 or Sil-3

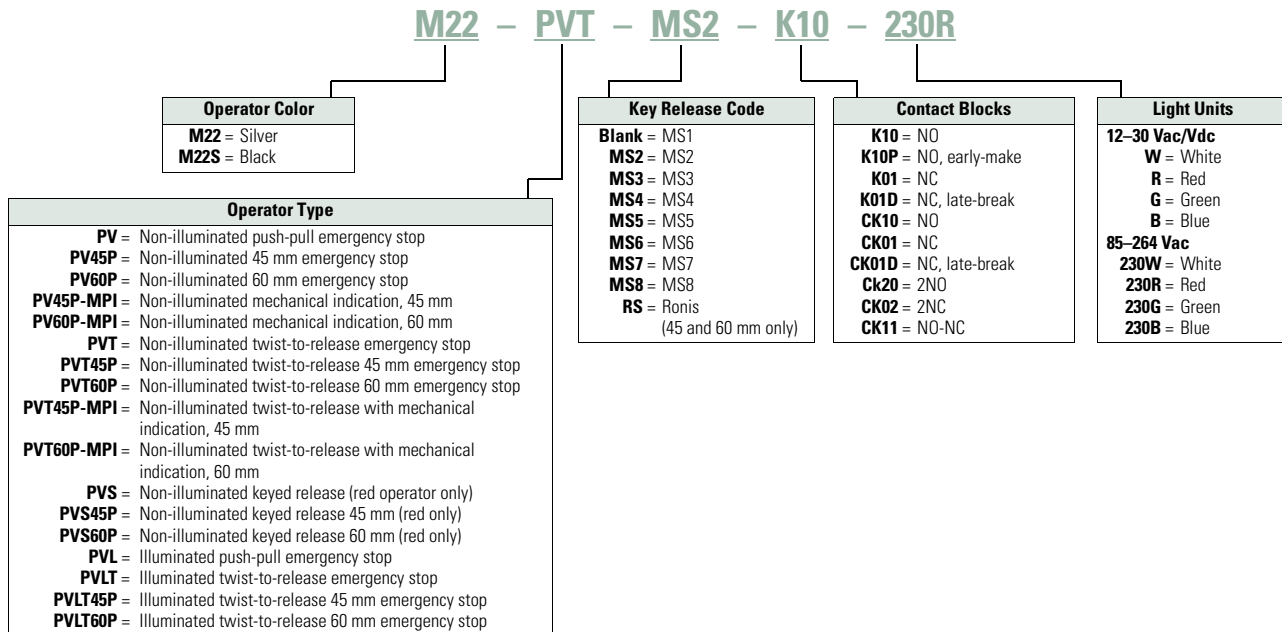
#### Protection Type

- IP67, IP69K (IP66 key-release)
- NEMA 4X, 13

### Catalog Number Selection

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

#### Emergency Stops



**Product Selection**

**Non-Illuminated and Illuminated Emergency Stops**

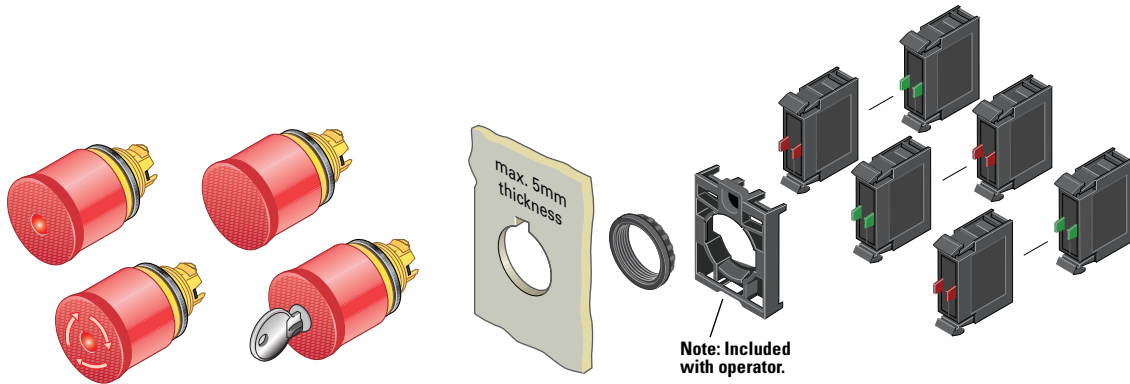
**Complete Devices**

Type	Button Color	LED Color	Contact Block Configuration <sup>①</sup>	Light Unit Voltage	Catalog Number		
<b>M22-PV-K01</b>							
	<b>Non-Illuminated</b>						
	Push-pull	Red	—	NC	—	<b>M22-PV-K01</b>	
				2NC		<b>M22-PV-K02</b>	
				1NO-2NC		<b>M22-PV-K12</b>	
	Twist-to-release	Red	—	NC	—	<b>M22-PVT-K01</b>	
				2NC		<b>M22-PVT-K02</b>	
				1NO-2NC		<b>M22-PVT-K12</b>	
	Key release	Red	—	NC	—	<b>M22-PVS-K01</b>	
				2NC		<b>M22-PVS-K02</b>	
1NO-2NC				<b>M22-PVS-K12</b>			
<b>M22-PVL-K01-R</b>							
	<b>Illuminated</b>						
	Push-pull	Red	Red	NC	12–30 Vac/Vdc	<b>M22-PVL-K01-R</b>	
				2NC		<b>M22-PVL-K02-R</b>	
				1NO-2NC		<b>M22-PVL-K12-R</b>	
				NC		85–264 Vac	<b>M22-PVL-K01-230R</b>
				2NC			<b>M22-PVL-K02-230R</b>
				1NO-2NC			<b>M22-PVL-K12-230R</b>
	Twist-to-release	Red	Red	NC	12–30 Vac/Vdc	<b>M22-PVLT-K01-R</b>	
				2NC		<b>M22-PVLT-K02-R</b>	
				1NO-2NC		<b>M22-PVLT-K12-R</b>	
				NC		85–264 Vac	<b>M22-PVLT-K01-230R</b>
				2NC			<b>M22-PVLT-K02-230R</b>
1NO-2NC				<b>M22-PVLT-K12-230R</b>			

**Note**

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

#### Non-Illuminated and Illuminated Emergency Stops



#### Components

##### M22-PVL



#### Push-Pull Emergency Stops

Illumination/Indication	Actuator Size	Catalog Number
None	35 mm	<b>M22-PV</b>
	45 mm	<b>M22-PV45P</b>
	60 mm	<b>M22-PV60P</b>
LED illumination	35 mm	<b>M22-PVL</b>
	45 mm	<b>M22-PVL45P</b>
	60 mm	<b>M22-PVL60P</b>
Mechanical indication	45 mm	<b>M22-PV45P-MPI</b>
	60 mm	<b>M22-PV60P-MPI</b>

##### M22-PVS60P-MS1



#### Key Release Emergency Stops ②

Actuator Size	Key Code	Catalog Number	
35 mm	MS1	<b>M22-PVS</b> ③	
	MS2	<b>M22-PVS-MS2</b>	
	MS3	<b>M22-PVS-MS3</b>	
	MS4	<b>M22-PVS-MS4</b>	
	MS5	<b>M22-PVS-MS5</b>	
	MS6	<b>M22-PVS-MS6</b>	
	MS7	<b>M22-PVS-MS7</b>	
	MS8	<b>M22-PVS-MS8</b>	
45 mm	MS1	<b>M22-PVS45P</b>	
	MS2	<b>M22-PVS45P-MS2</b>	
	MS3	<b>M22-PVS45P-MS3</b>	
	MS4	<b>M22-PVS45P-MS4</b>	
	MS5	<b>M22-PVS45P-MS5</b>	
	MS6	<b>M22-PVS45P-MS6</b>	
	MS7	<b>M22-PVS45P-MS7</b>	
	MS8	<b>M22-PVS45P-MS8</b>	
	Ronis	<b>M22-PVS45P-RS</b>	
	60 mm	MS1	<b>M22-PVS60P</b>
		MS2	<b>M22-PVS60P-MS2</b>
		MS3	<b>M22-PVS60P-MS3</b>
		MS4	<b>M22-PVS60P-MS4</b>
		MS5	<b>M22-PVS60P-MS5</b>
		MS6	<b>M22-PVS60P-MS6</b>
		MS7	<b>M22-PVS60P-MS7</b>
MS8		<b>M22-PVS60P-MS8</b>	
Ronis	<b>M22-PVS60P-RS</b>		

##### M22-PVT45P-MPI



#### Twist-to-Release Emergency Stops

Illumination/Indication	Actuator Size	Catalog Number
None	35 mm	<b>M22-PVT</b>
	45 mm	<b>M22-PVT45P</b>
	60 mm	<b>M22-PVT60P</b>
LED illumination	35 mm	<b>M22-PVLT</b>
	45 mm	<b>M22-PVLT45P</b>
	60 mm	<b>M22-PVLT60P</b>
Mechanical indication	45 mm	<b>M22-PVT45P-MPI</b>
	60 mm	<b>M22-PVT60P-MPI</b>

##### M22S-PVLT



#### Machine Stop Operators (Black) ①

Illumination	Type	Actuator Size	Catalog Number
Non-illuminated	Push-pull	35 mm	<b>M22S-PV</b>
	Twist-to-release	35 mm	<b>M22S-PVT</b>
LED illumination	Push-pull	35 mm	<b>M22S-PVL</b>
	Twist-to-release	35 mm	<b>M22S-PVLT</b>

#### Notes

- ① Includes contact block mounting adapter.
- ② Key included. For identical locks and keys, use the same key code. One key is included with actuator; additional keys are available as accessories.
- ③ Includes Key Code MS1.