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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
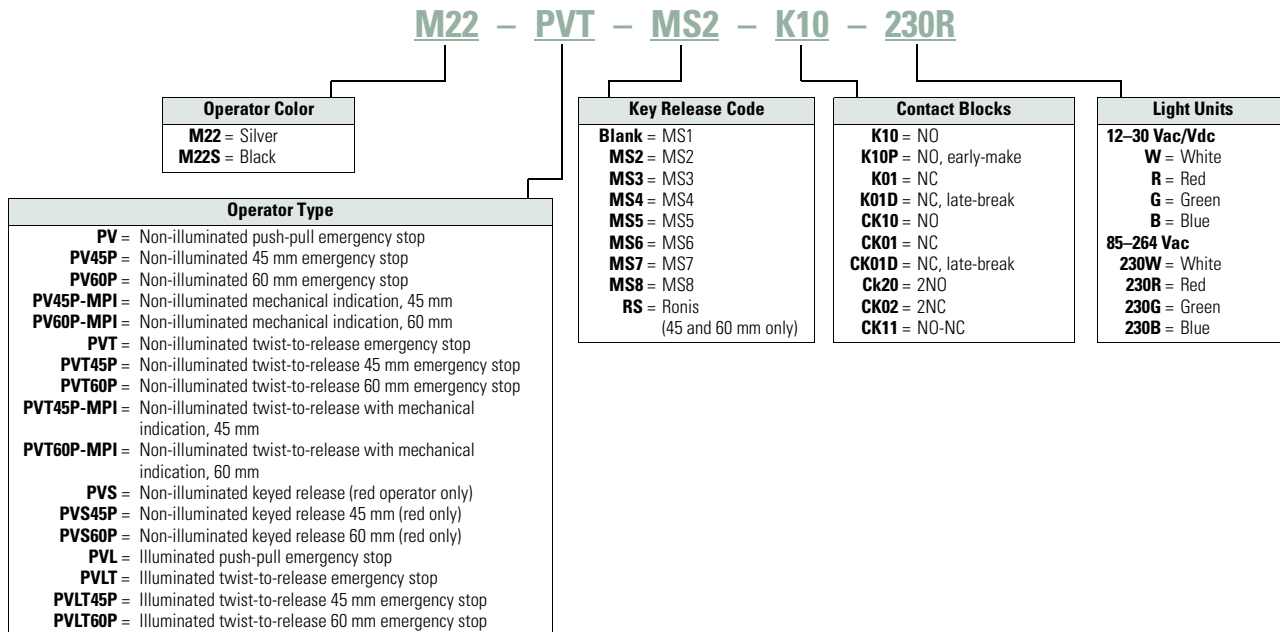
Protection Type

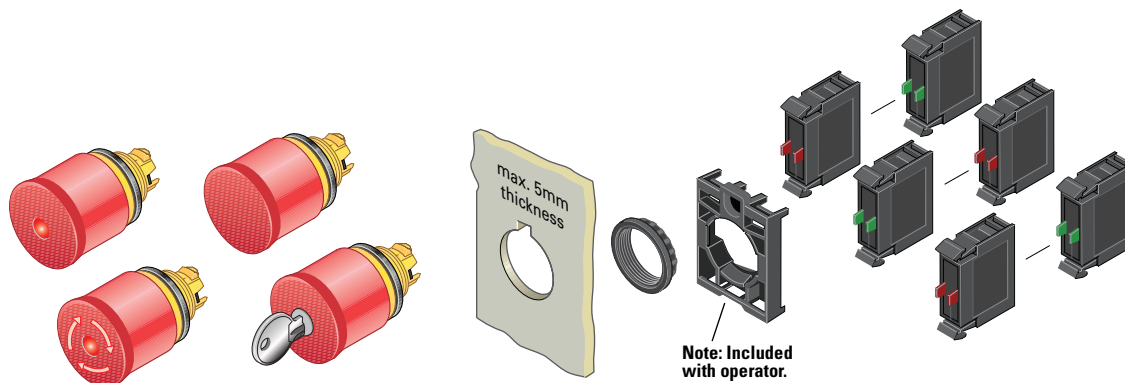- IP67, IP69K (IP66 key-release)
- NEMA 4X, 13

Catalog Number Selection

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

Emergency Stops

<div align="center">

M22 – PVT – MS2 – K10 – 230R

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Operator Color	
M22 =	Silver
M22S =	Black

Operator Type	
PV =	Non-illuminated push-pull emergency stop
PV45P =	Non-illuminated 45 mm emergency stop
PV60P =	Non-illuminated 60 mm emergency stop
PV45P-MPI =	Non-illuminated mechanical indication, 45 mm
PV60P-MPI =	Non-illuminated mechanical indication, 60 mm
PVT =	Non-illuminated twist-to-release emergency stop
PVT45P =	Non-illuminated twist-to-release 45 mm emergency stop
PVT60P =	Non-illuminated twist-to-release 60 mm emergency stop
PVT45P-MPI =	Non-illuminated twist-to-release with mechanical indication, 45 mm
PVT60P-MPI =	Non-illuminated twist-to-release with mechanical indication, 60 mm
PVS =	Non-illuminated keyed release (red operator only)
PVS45P =	Non-illuminated keyed release 45 mm (red only)
PVS60P =	Non-illuminated keyed release 60 mm (red only)
PVL =	Illuminated push-pull emergency stop
PVLT =	Illuminated twist-to-release emergency stop
PVLT45P =	Illuminated twist-to-release 45 mm emergency stop
PVLT60P =	Illuminated twist-to-release 60 mm emergency stop

Key Release Code	
Blank =	MS1
MS2 =	MS2
MS3 =	MS3
MS4 =	MS4
MS5 =	MS5
MS6 =	MS6
MS7 =	MS7
MS8 =	MS8
RS =	Ronis (45 and 60 mm only)

Contact Blocks	
K10 =	NO
K10P =	NO, early-make
K01 =	NC
K01D =	NC, late-break
CK10 =	NO
CK01 =	NC
CK01D =	NC, late-break
Ck20 =	2NO
CK02 =	2NC
CK11 =	NO-NC

Light Units	
12–30 Vac/Vdc	
W =	White
R =	Red
G =	Green
B =	Blue
85–264 Vac	
230W =	White
230R =	Red
230G =	Green
230B =	Blue

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Non-Illuminated and Illuminated Emergency Stops

Note: Included with operator.

Components

M22-PVL

Push-Pull Emergency Stops

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

M22-PVT45P-MPI

Twist-to-Release Emergency Stops

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

M22S-PVLT

Machine Stop Operators (Black) ①

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

M22-PVS60P-MS1

Key Release Emergency Stops ②

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

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.