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.
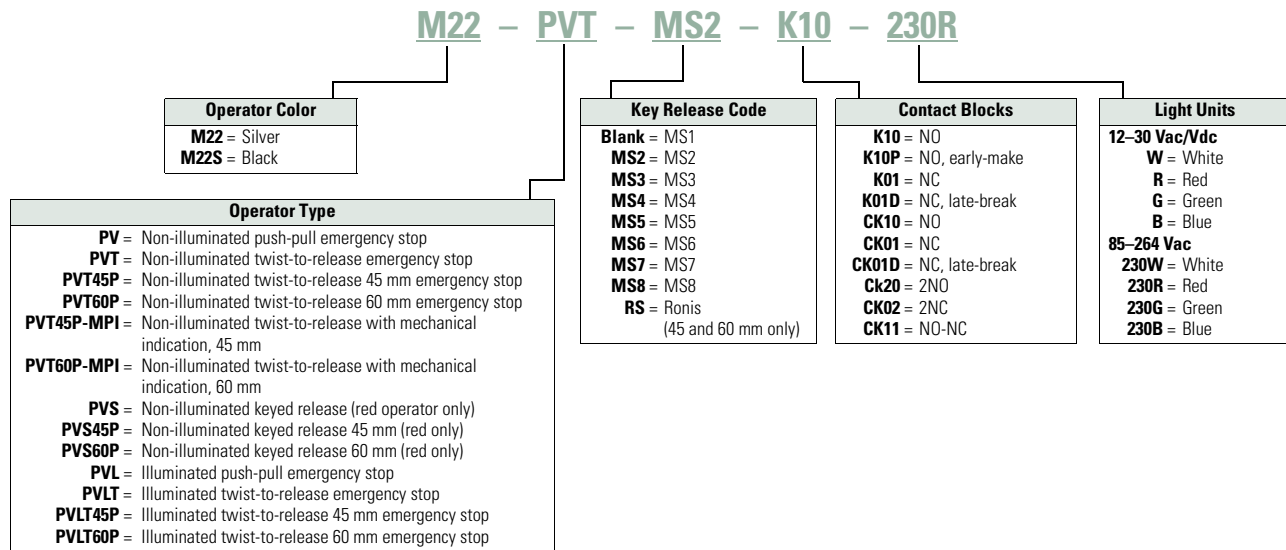
Features

- 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

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

M22 – PVT – MS2 – K10 – 230R

Operator Color
M22 = Silver
M22S = Black

Operator Type
PV = Non-illuminated push-pull emergency stop
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

Product Selection

Non-Illuminated Emergency Stops

M22-PV-K01

Complete Devices

| Type	Color	Contact Block Configuration [1]	Catalog Number
Push-pull	Red	NC	**M22-PV-K01**
		2NC	**M22-PV-K02**
		1NO-2NC	**M22-PV-K12**
Twist-to-release	Red	NC	**M22-PVT-K01**
		2NC	**M22-PVT-K02**
		1NO-2NC	**M22-PVT-K12**
Key release	Red	NC	**M22-PVS-K01**
		2NC	**M22-PVS-K02**
		1NO-2NC	**M22-PVS-K12**

Note

[1] All NC contact blocks are positively driven contact. ⊖

Approximate Dimensions in Inches (mm)
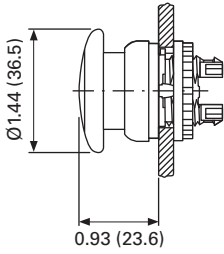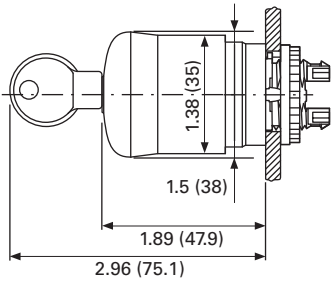
Illuminated Pushbuttons

M22…-DL-_   **M22…-DLH_**

0.39 (10)   0.65 (16.4)
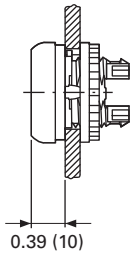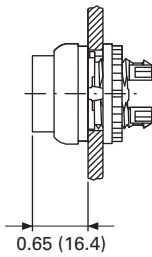
Mushroom Head Pushbutton

M22…-DP-_

Ø1.44 (36.5)

0.93 (23.6)

Emergency-Stop Operators

M22-PV_
M22S-PV_
M22-PVL_
M22-PVS_

1.38 (35)

1.5 (38)
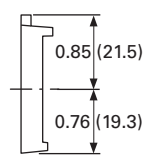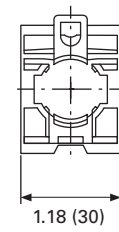
1.89 (47.9)

2.96 (75.1)

Potentiometer

M22(S)-R_

1.15 (29.2)   1.3 (32.9)
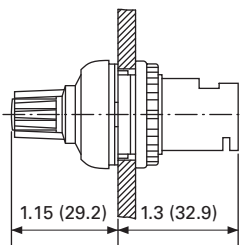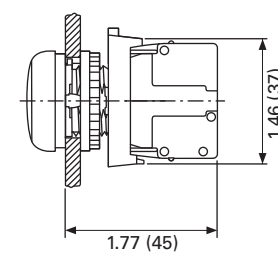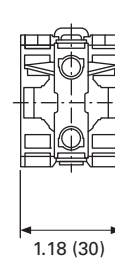
Contact Block Mounting Adapter

M22-A_   **M22S-A…**

1.77 (45)   0.85 (21.5)

0.76 (19.3)

1.73 (44)   1.18 (30)
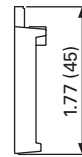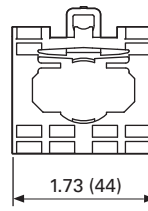
Front Mounted Centering Adapter

M22-ZA

0.84 (21.4)

1.18 (30)   0.7 (17.8)
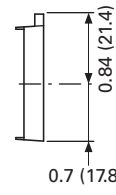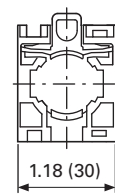
Front Mounted Indicating Light

1.18 (30)   1.46 (37)

1.77 (45)

Pushbutton, Complete Devices

0.39 (10) 0.39 (10) 0.39 (10)

A

1.18 (30)   1.77 (45)

2.8 (71)
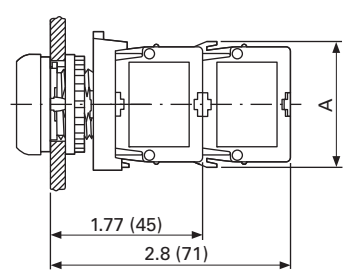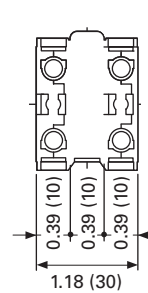
	1 x M22-K_	2 x M22-K_	1 x M22-CK_	2 x M22-CK_
A	1.46 (37.2)	1.46 (37.2)	1.54 (39.0)	1.54 (39.0)