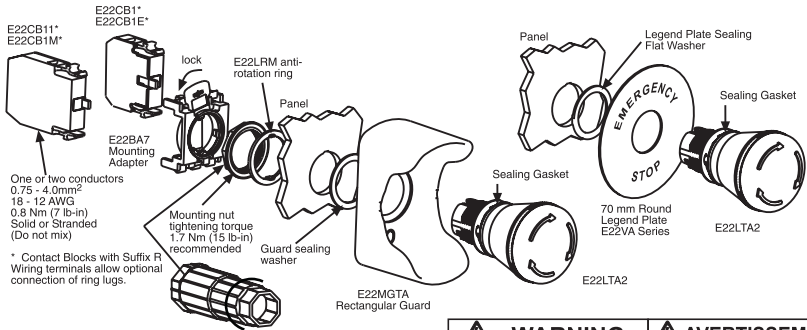


E22 Mechanical Latching Emergency Stop Pushbutton



Installation and Mounting

Insert operator through guard or legend plate and install applicable sealing washer on threaded operator into the recessed area on the back of the guard or back of legend plate. Insert this assembly into the panel with the word "top" on back of operator at 12:00 o'clock position.

Orient anti-rotation ring so the tabs face the panel and the larger tab fits into slot on threaded operator at 6:00 o'clock position, and the smaller tab slides over threads at the 12:00 o'clock position.

Slip anti-rotation ring onto threaded barrel of operator against back of panel and insert smaller tab into panel key cut out at 12:00 o'clock position.

Install mounting nut and torque to 1.7 Nm (15 lb-in) with E22CW wrench. See illustration above.

Install mounting adapter onto back of operator and move white lever to the locking position. **A maximum of two contact blocks according to the catalog numbers in the diagram above may be snapped into the E22BA7 two-way mounting adapter.**



E-STOP BUTTON
9BX6
E217948

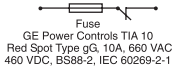


UL Listed for use on a flat surface of type 1, 2, 3, 3R, 4, 4X, 12, and 13 enclosure.

EN 60947-5-1
EN 60947-5-5
EN 418



Short Circuit Coordination



IP 65

IP 40 with guard knockouts removed.

Degree of protection against electrical contact (IEC 60529) - IP 2X (Fingerproof Protection)

AC-15, DC-13, Pollution Degree 3

U_i = 690 V, U_{imp} = 4KV

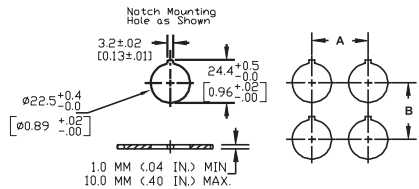
Zb (Opposite Polarity)

	WARNING		AVERTISSEMENT
	RISK OF ELECTRIC SHOCK. TURN POWER OFF BEFORE WIRING.		RISQUE DE CHOC ELECTRIQUE S'assurer de couper le courant avant de cabler.

Panel Specifications

The E22LTA2 operator may be mounted in a panel of thickness ranging from 1 mm (0.04 in.) to 10.0 mm (0.40 in.). The thickness of a legend plate 1 mm (0.04 in), or guard 2.5 mm(0.1 in), if used must be subtracted from the maximum allowable panel thickness of 10 mm (0.40 in).

A panel knockout of 22.5 mm (0.89 in.) with a notched key of dimensions shown in the adjacent drawing is required. Minimum panel spacing requirements between mounting centers of the E22LTA2 and adjacent E22 operators and indicating lights is shown in the drawing to the right.



Minimum Panel Spacing of E22LTA2 Operator to adjacent E22 operators:

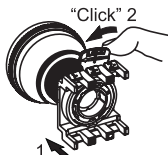
Size/Type of Operator	A mm (in)	B mm (in)
All Types up to 28 mm diameter (including knob and key operated selector switches)	35 (1.38)	50 (1.97)
Lever selector switches and 40mm diameter operators	45 (1.77)	50 (1.97)
50mm diameter operators	55 (2.16)	55 (2.16)
70mm round yellow legend plate	75 (2.95)	75 (2.95)
75mm rectangular guard	45 (1.77)	75 (2.95)



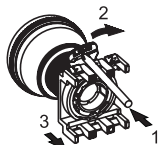
Powering Business Worldwide

Operator / Mounting Adapter

Assembly



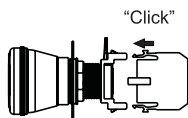
Disassembly



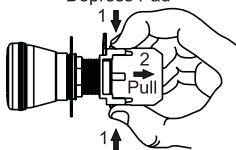
Note: Gently push locking lever and turn as shown over locking "nib"

Mounting Adapter / Contact Block

Assembly



Depress Pad



Depress Pad

Disassembly

E22MGTA Guard Mounting

The 75 mm rectangular guard may be mounted to the panel in either one of two methods

Method One

Guard Knockouts Not Removed

Mounting the guard according to this method results in the following enclosure type ratings

- UL Enclosure Types 3, 3R, 4, 4X, 12, & 13
- IP 65

Mount the guard using the instructions on page one

Method Two

Guard Knockouts Removed

Mounting the guard according to this method results in the following enclosure type ratings

- UL Enclosure Type 1
- IP 40

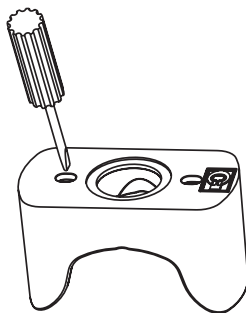
1 Remove the two knockouts on the back of the guard by using a screw driver or applicable tool as shown in the adjacent drawing

2. Drill two mounting holes in the panel of dimensions according to the adjacent drawing

3. Mount the guard to the panel. Two 10-32 x 0.375 screws, lock washers, and flat washers are recommended

4. The guard sealing flat washer may be discarded when using this installation

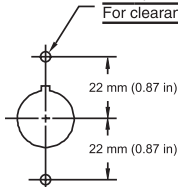
5. Complete the E22 pushbutton assembly by following the remaining applicable mounting instruction on page one




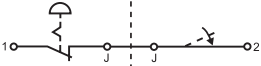
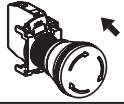
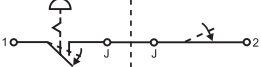

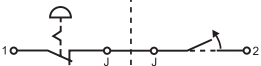
Mounting with 10-32 screws - Drill 2 holes

For tap hole: 0.156 - 0.164 in.

For clearance hole: 5.1 mm (0.200 in) to 5.2 mm (0.205 in)

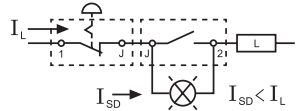


E22CB1M / E22CB1MR SELF-MONITORING CONTACT BLOCKS

ACTUATOR POSITION / SWITCH STATUS	N.C. (BREAK) CONTACT STATE	N.O. (MAKE) MONITORING CONTACT STATE	CONTACT BLOCK STATE
Unlatched or Reset 			X
Latched or Actuated 			0
Faulty installation or inadvertent separation of contact block from mounting adapter or operator from mounting adapter. 			0

OPTIONAL CONNECTION OF REMOTE SIGNALLING DEVICE - E22CB1M ONLY

The monitoring contact may be used to control a remote signalling device. Current needed to energize the signalling device (I_{SD}) must be less than the total current of the load (I_L).



NOTE: Please save these instructions for future reference.

NOTE: For complete specifications, certification, and dimensional information, refer to Eaton Drawing 70-8530.

EC Declaration of Conformity

We, Eaton declare under our sole responsibility that our **Latching Emergency Stop Pushbutton** consisting of the following catalog numbers:

Operators - E22LTA2, E22LTA2N123
Contact Blocks – E22CB1*, E22CB11*, E22CB1E*, E22CB1M*
* May include Suffix "R".

to which this declaration relates are in conformity with the following standards:

EN 60947-5-1: 1997 + A1:1999 + A12:1999 + A2:2000
EN 60947-5-5: 1997
EN 60947-1: 1997 + A1:1998 + A2:1998

Per the provisions of the **Low Voltage Directive 73/23/EEC** of 19 February 1973 as amended by 93/68/EEC, Article 13 of 22 July 1993 based upon the EC type examination Certificate # 129648-01/A1 of UL International Demko A/S, Lyskaer 8, DK-2730, Herlev, Denmark. The "CE" marking was initially affixed in the year 2001.

EC Declaration of Conformity For Safety Components

We, Eaton declare under our sole responsibility that our **Latching Emergency Stop Pushbutton** consisting of the following catalog numbers:

Operators - E22LTA2, E22LTA2N123
Contact Blocks – E22CB1*, E22CB11*, E22CB1E*, E22CB1M*
* May include Suffix "R".

to which this declaration relates are in conformity with the following standards:

EN 292-1: 1991	EN 418: 1992	EN 1050: 1996
EN 292-2: 1991	EN 954-1: 1996	EN 60204-1: 1997

Per the provisions of the **Machinery Directive 98/37/EC** of 22 June 1998. In conformity with EN418: 1992 based upon the EC type examination Certificate # 129648-02/A2 of UL International Demko A/S, Lyskaer 8, DK-2730, Herlev, Denmark.

This declaration is issued from the location shown above on the 1st day of July 2001

Issued by Donald R. Sladek, Project Manager, Design Integrity, Industrial Control Division



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