

Model No.: **110X110 FIRE STATION**

Description: **EMERGENCY STOP GLASS BREAK STATION**

Photograph:



Salient Features:

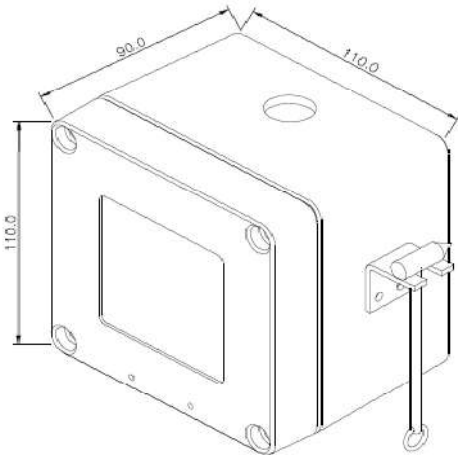
- Can be used in case of fire or similar emergencies
- Red in color for easy identification
- IP55 protection
- Easy to install
- Easy to operate: Use hammer to break glass

General Characteristics:

It is a 110X110 enclosure fitted with one emergency stop pushbutton with one NO & one NC contact element. It has a yellow coloured bracket. It is provided with M20 cable entries & one hammer which is secured to the enclosure with a metal chain so that it is easily available during emergency. It is provided with a glass which can be broken with the hammer. Contact elements are self wiping, double break, silver plated.

Available types		Nil
Corrosion resistant		Yes
Bezel		Metallic
Degree of protection		IP55 as per IEC 60529
Applicable standards		IEC 60947-5-1, IEC 60947-1
Product Certification		Pending

Mechanical Characteristics:

Terminal Capacity		: 1X2.5mm ² or 2X1.5mm ² Maximum
		: 1X0.5mm ² Minimum
Terminal marking		: 1NC 2 (Normally Closed) : 3NO 4 (Normally Open)
Terminal Torque	N.m	: 0.8
Contact material		: Brass Silver plated
Operation		: Self-wiping, slow break
Operating force	N	: Glass breaking force: 2.9N (300gms minimum)
Operating torque	Nm	: NA
Operating travel	mm	: NA
Mechanical life		: 1 million operations
Ambient	°C	: -25 to +70
Storage	°C	: -25 to +40
Overall Dimensions with sketch (LXBXH)	mm	: 110X110X90 
Vibration resistance Conforming to IEC 60068-2-6	Hz	: NA
Shock resistance Conforming to IEC 60068-2-27		: NA
Positive operation Conforming to IEC/EN 60947-5-1 Appendix K		All functions incorporating a NC contact are positive opening operation
Mounting	mm	Fixing Centers: 97X80 Mounting Panel thickness: NA No of elements possible: NA
Viewing Angle	°	: NA
Optical Axial intensity	mcd	: NA
Weight	gms	: 1200

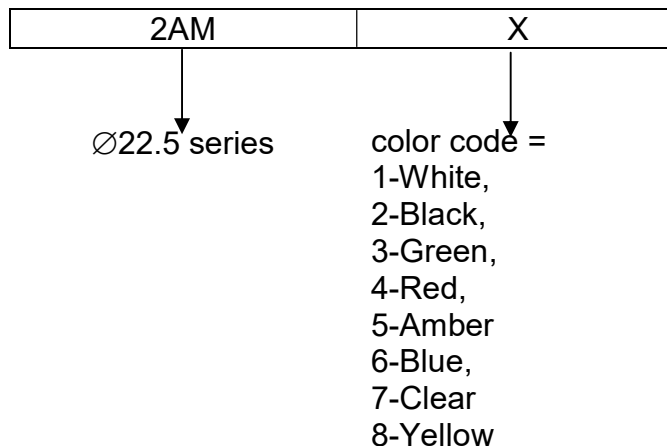
Electrical Characteristics of contact element:

Make & Break Capacity		AC15 DC13																		
Rated insulation voltage	V	500																		
Rated thermal current	A	10																		
Low power application		NA																		
Short circuit protection		10A HRC cartridge fuse, rated for resistive loading																		
Dielectric Test	KV	2.5																		
Approvals regarding the part:		:UL, CSA, VDE & ASTA																		
Approvals regarding the material :																				
Polymeric parts		UL-Recognized material																		
Rated Impulse Withstand		NA																		
Polarity protection		NA																		
Current Consumption	mA	NA																		
Electrical Endurance		(for 1 million operation cycles, operation at 3600 cycles per hour, load factor 0.5) <table><tr><td></td><td>V</td><td>24</td><td>120</td><td>230</td><td></td><td>V</td><td>24</td><td>110</td></tr><tr><td>AC 15</td><td>A</td><td>5</td><td>4</td><td>3</td><td>DC 13</td><td>A</td><td>0.5</td><td>0.2</td></tr></table>		V	24	120	230		V	24	110	AC 15	A	5	4	3	DC 13	A	0.5	0.2
	V	24	120	230		V	24	110												
AC 15	A	5	4	3	DC 13	A	0.5	0.2												
Accessories & codes		Codes available on request: <ul style="list-style-type: none">• Glass• Hammer with chain• Nipple																		

Ordering codes

The ordering code for each product is mentioned in the catalogue and not indicated on each product because of the various combinations possible it becomes practically impossible to do so, more over the actuators, lamp unit and contact element, which together make a push button, are sold separately to OEM's as well as dealers. However the primary packing box always mentions the ordering code of the material it holds.

For actuator



For pushbutton

2PSM	X	YY	
↓	↓	↓	↓
Ø22.5 series	color code = 1-White, 2-Black, 3-Green, 4-Red, 5-Amber 6-Blue, 7-Clear 8-Yellow	Where YY indicates number of NO & NC contact elements. 1 st Y indicates number of NO contact elements & 2 nd Y indicates number of NC contact elements	

Mounting Instructions

Safety regulations: This unit may be installed & commissioned by personnel who are familiar with current regulation for health & safety at work & accident prevention. Ensure local regulations are met especially those relating to safety. This is for use on flat surface of type 4X, 12 enclosure. Ensure that this actuator will operate fully after installation. Failure to follow these will result in death or serious injury.