STI TYPE 4X STOPPER® DOME

STI-1229

Type 4X
ADA
Compliant
STI-1229

HAZARD
Type 4X
ADA
Compliant
STI-1229-HAZ

KEY FEATURES

General Information

· Advanced features to protect strobe signal units of the newest generation of fire protection systems.

· See chart on other side for light and sound loss information.

· Easy access for service.

· Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

Design

· Dust tight (Class II Group F and G Div. 2).

· All Class III locations.

Construction

· Type 4X rating (STI-1229 series only).

· Tested to UL 50 Standards.

· Polycarbonate is UV-stabilized.

· UL/cUL ambient rating 32° to 120°F (0° to 49°C) indoors or outdoors.

Installation

· Includes appliance mounting plate which eliminates the need for an electrical outlet box.

· Tough matching polycarbonate back box included for surface mounting with conduit.

· Gasket included for indoor/outdoor applications.

· Typical working properties of polycarbonate are -40° to 250°F (-40° to 121°C).

Options

· CSFM letter available authorizing local AHJ's authority to grant permission for use.

PRODUCT OVERVIEW

This super tough cover is designed to provide maximum protection against physical damage (both accidental and intentional), dust, grime and damage from severe environments indoors and out. The STI-1229 is for smaller strobe units of the new generation of fire signal appliances. It is a weatherproof cover for surface mount applications which can be used in wet or hose down areas (such as kitchens, cafeterias, meat packaging plants, showers, outdoors, etc.).

HOW IT WORKS

Both the cover and circular backbox are molded from clear, thick polycarbonate material that is UV-stabilized against discoloration. The STI-1229 incorporates an appliance mounting plate that eliminates the need for an electrical outlet box, as well as a special gasket for Type 4X applications. In extremely frigid conditions, use the STI-1229HTR Heated Enclosure. Also available is a similar cover with slots (STI-1219) for surface mount applications of horn signal units. The STI-1219 is not Type 4X Rated.

STI **Safety Technology International**

STI Type 4X Stopper II® Dome

Dimensions and Technical Information

MODELS AVAILABLE

STI-1229 Stopper Dome for strobe only with enclosed backbox, Type 4X

STI-1229-HAZ Stopper Dome for strobe only with enclosed backbox, Type 4X hazardous locations

KIT-H18021 Type 4X 3/4" rigid conduit hub (included with hazardous model)

STI-1284 Single Gang Mounting Adapter

STROBES LISTED FOR USE WITH STI-1229-HAZ	MANUFACTURER	SERIES	LIGHT LOSS
	AMSECO	SL24W-153075	36%
	FARADAY	2700 Series	33%
	GENTEX	GES24-15/75	36%
		May be followed by a "W", "R" or "P"	
	SYSTEM SENSOR	SS24110ADA	35%

⚠ **WARNING:** In hazardous areas all sources of power must be shutdown before accessing cover per NEC.

APPROVALS & WARRANTY
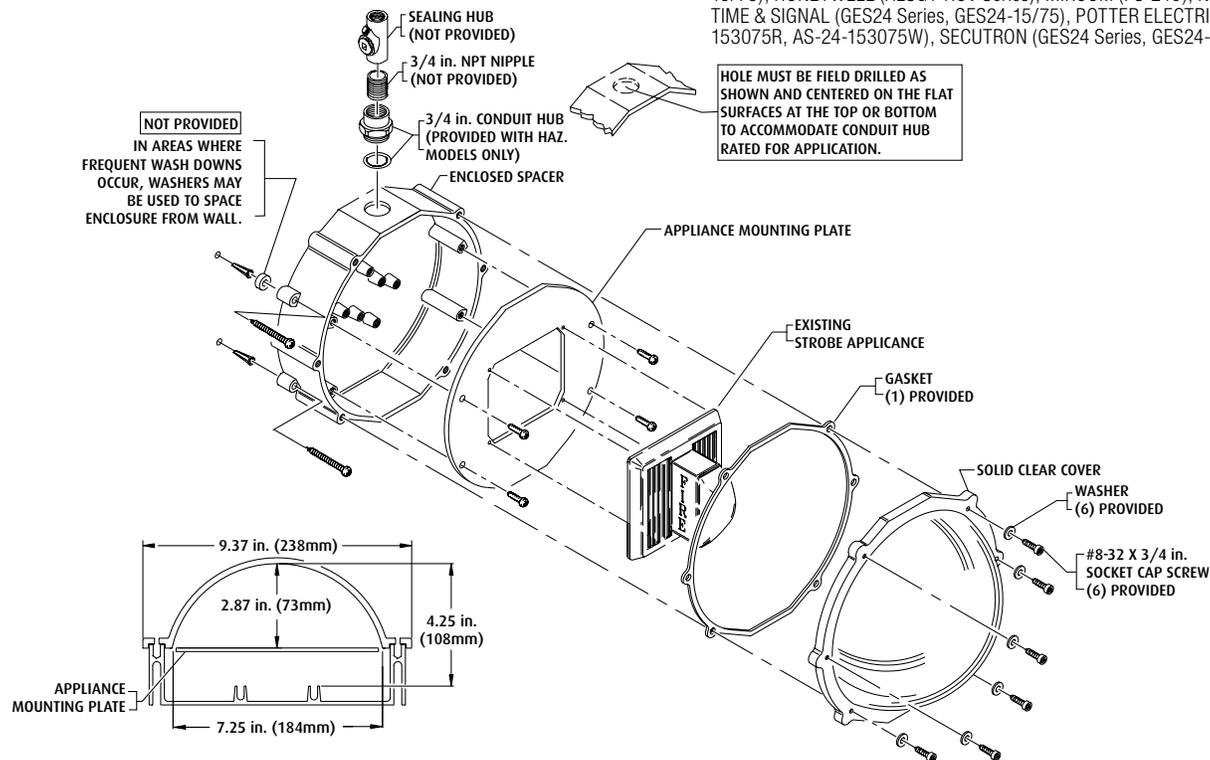
TESTING

It has been tested and approved or listed by:
· UL and cUL, Type 4X, and UL 50 File S7025
· UL and cUL Hazardous File E228169
· For hazardous applications in Canada, to meet cUL, your strobe must be ULC Listed.UL and cUL, Type 4X, and UL 50 File S7025

WARRANTY

Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

PERFORMANCE REVIEW

	Light Loss %
SYSTEM SENSOR (P2, PC2, P4, PC4, SX, SC)	28%
WHEELOCK (RSS 24MCW)	31%
ADT SECURITY (ADTG1-V Series), EST/EDWARDS (G1-V, G1-HV Series, G1-HOV Series, EG1-V, EG1-HV Series, EG1-HOV Series), HONEYWELL (XLSG1-V, XLSG1-HV Series, XLSG1-HOV Series), MIRCOM (MG1-V, MG1-HV Series, MG1-HOV Series), MIRTONE (MG1-V Series), SIEMENS (G1-V Series), ZITON PTY LTD (ZG1-V Series)	32%
FARADAY LLC (2700), SIEMENS (U-MCS Series)	33%
EST/EDWARDS (2440S, 202 Series), HONEYWELL (XLS202 Series), MIRCOM (MS Series), SIEMENS (202 Series)	34%
WHEELOCK (RSS-24MCC)	35%
SYSTEM SENSOR (SS24110ADA)	36%
AMSECO (SL24W-153075), AMSECO - Colored Lenses (SL24W-153075 A, B, G or R, SL24C-3075110 A, B, G or R, CSL24W-A, B, G or R, CSL24C-A, B, G or R), DETECTION SYSTEMS (GES24 Series, GES24-15/75), GENTEX (GES24 Series, GES24-15/75), HARRINGTON SIGNAL (GES24 Series, GES24-15/75), HONEYWELL (XLSG1-HOV Series), MIRCOM (FS-240), NATIONAL TIME & SIGNAL (GES24 Series, GES24-15/75), POTTER ELECTRIC (AS-24-153075R, AS-24-153075W), SECUTRON (GES24 Series, GES24-15/75)	37%

SEALING HUB (NOT PROVIDED)

3/4 in. NPT NIPPLE (NOT PROVIDED)

3/4 in. CONDUIT HUB (PROVIDED WITH HAZ. MODELS ONLY)

NOT PROVIDED IN AREAS WHERE FREQUENT WASH DOWNS OCCUR, WASHERS MAY BE USED TO SPACE ENCLOSURE FROM WALL.

ENCLOSED SPACER

HOLE MUST BE FIELD DRILLED AS SHOWN AND CENTERED ON THE FLAT SURFACES AT THE TOP OR BOTTOM TO ACCOMMODATE CONDUIT HUB RATED FOR APPLICATION.

APPLIANCE MOUNTING PLATE

EXISTING STROBE APPLIANCE

GASKET (1) PROVIDED

SOLID CLEAR COVER

WASHER (6) PROVIDED

#8-32 X 3/4 in. SOCKET CAP SCREW (6) PROVIDED

9.37 in. (238mm)

2.87 in. (73mm)

4.25 in. (108mm)

7.25 in. (184mm)

APPLIANCE MOUNTING PLATE