

## UL Hazardous & Ordinary Locations



## Introduction

The PH1 double action pull handle call point has been designed for use in flammable atmospheres and harsh environmental conditions. The GRP enclosure is suitable for use offshore or onshore where light weight combined with a high level of corrosion resistance is required.

The large "Lift" and "Pull" GRP handles can be operated effortlessly whilst wearing industrial gloves and require double action to raise the alarm, preventing accidental activation.

## Features

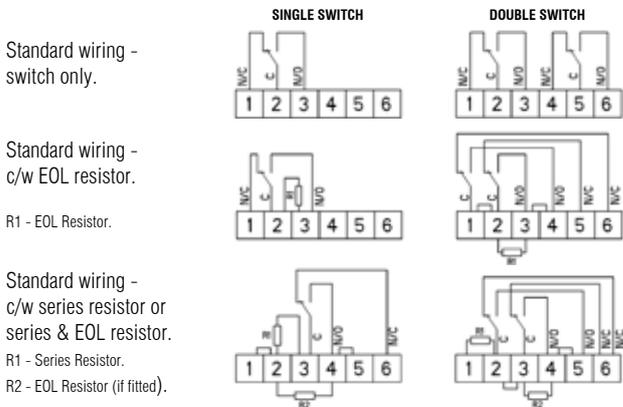
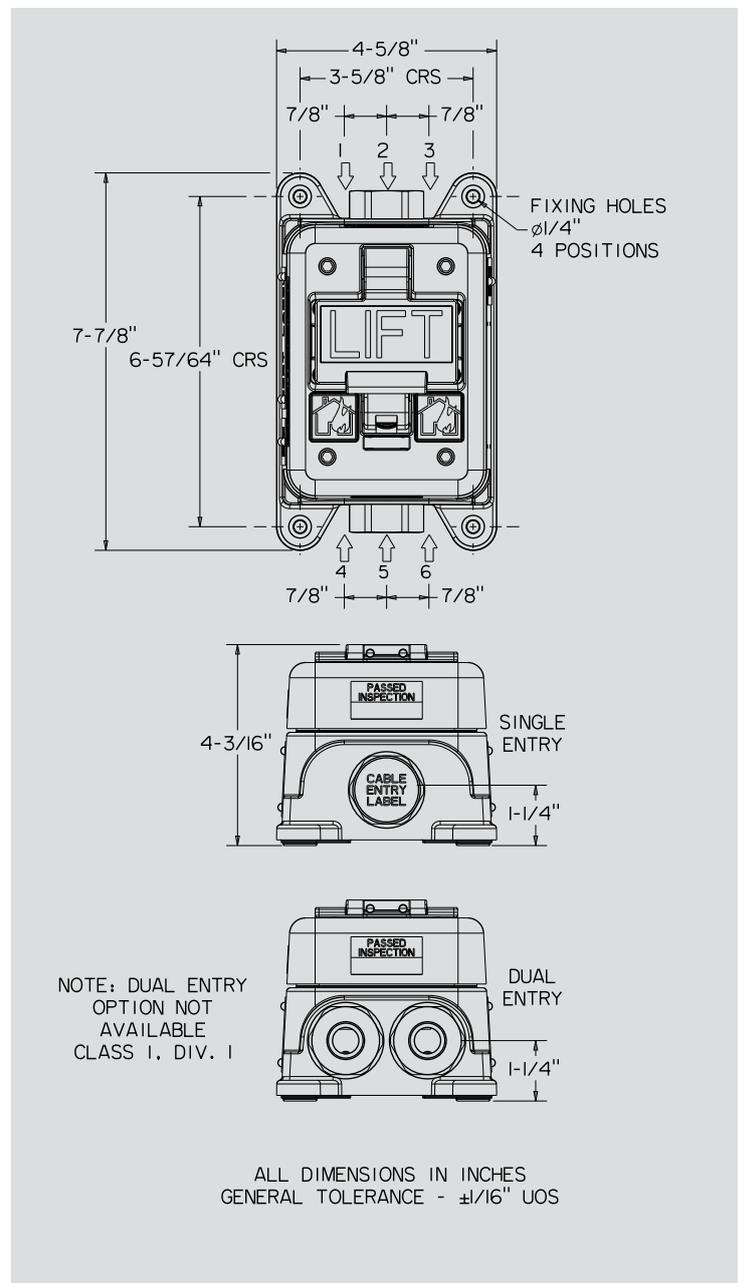
- UL Listed for:
  - Hazardous Locations.
  - Class I, Division 1. Groups B, C & D.
  - Class I, Division 2. Groups A-D.
  - Zone 1.
  - Ordinary Locations: Fire alarm boxes.
- IECEx certified.
- ATEX certified.
- NEMA 4X & 6. IP66 & IP67.
- Certified temperature: -58°F to + 158°F.  
-50°C to + 70°C
- Corrosion free GRP construction.\*
- Optional in line, end of line resistors and diodes.
- Retained stainless steel cover screws.

*\*Model dependent.*



# Certification and Specification

<b>UL Haz Locs:</b>	UL listed for USA and Canada. Listing no. E186629. Class I, Div. 1. Groups B, C & D. Class I, Div. 2. Groups A- D. Class I, Zone 1, AEx d IIC, Ex d IIC. Class II, Div.2, Groups F & G. Class III.
<b>UL Ord Locs:</b>	UL Listing no. S8117. Fire alarm boxes. UL for USA and Canada.
<b>Material:</b>	Body/covers/handles:- GRP (glass reinforced polyester). UL Class I, Div. 1 Inner Cover: 316 (ANC4B) Stainless Steel. Fixings:- Stainless steel grade 316.
<b>Finish:</b>	Cover:- natural red, Body:- natural black. Handles:- natural white. Cover may be painted to customer's requirements.
<b>Voltage:</b>	0-50Vdc, 0-254Vac.
<b>Switch Rating:</b>	1 or 2 c/o switches, 254V, 3A max.
<b>Weight:</b>	UL Class I, Div. 1: Gross weight 4.4 Kg. Net weight 3.8Kg. UL Class I, Div 2, UW: Gross weight 3.2kg. Net weight 2.6kg.
<b>Certified Temp:</b>	-58°F to + 158°F (-50°C to + 70°C).
<b>Ingress Protection:</b>	NEMA 4X & 6. IP66 & IP67.
<b>Entries:</b>	UL Class I, Div. 1 - Max 1 per face. Up to 2 x 1/2" NPT or 3/4" NPT. Positions 2 & 5 only. UL Class I, Div. 2, UW: Up to 2 x 1/2" or 3/4" NPT. 3/4" NPT, Max. 1 per face & positions 2 & 5 only. Please note that certified blanking plugs cannot be fitted to this product.
<b>Terminals:</b>	6 x 14AWG as standard. Contact MEDC for options.
<b>Earth Continuity:</b>	Earth continuity is provided by internal plate.
<b>Duty Labels:</b>	'Burning house' label fitted as standard on red units. Red blank duty label fitted as standard on all other colour units, unless text is supplied by customer. Tag Label: worded to customers requirements.
<b>Addr. module:</b>	SIGA-CT1 (To be free issued by customer).
<b>Resistors:</b>	Various configurations available, 470 Ohms minimum.
<b>Diodes:</b>	Various configurations available.



## Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

Model	Certification	Entries	Switches	Options	Finish																																														
PH1																																																			
	<table border="1"> <thead> <tr> <th>Certification</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>UL Class I, Div. 1</td> <td>UL1</td> </tr> <tr> <td>UL Class I, Div. 2</td> <td>UL2</td> </tr> <tr> <td>UL Ord. Loc.</td> <td>UW</td> </tr> </tbody> </table>	Certification	Code	UL Class I, Div. 1	UL1	UL Class I, Div. 2	UL2	UL Ord. Loc.	UW	<table border="1"> <thead> <tr> <th>Entries</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>1/2" NPT</td> <td>*†M</td> </tr> <tr> <td>3/4" NPT</td> <td>*†N</td> </tr> </tbody> </table> <p>* Prefix entry size with entry position (see diagram above).                      E.g. 2M5M. Maximum 2 Entries.                      † UL C1D1 - Max 1 per face. Up to 2x 1/2" NPT or 3/4" NPT.                      Positions 2 &amp; 5 only.                      UW: Up to 2 x 1/2" or 3/4" NPT.                      3/4" NPT, Max. 1 per face &amp; positions 2 &amp; 5 only.</p>	Entries	Code	1/2" NPT	*†M	3/4" NPT	*†N	<table border="1"> <thead> <tr> <th>Switches</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Single changeover</td> <td>S</td> </tr> <tr> <td>Double changeover</td> <td>D</td> </tr> </tbody> </table>	Switches	Code	Single changeover	S	Double changeover	D	<table border="1"> <thead> <tr> <th>Features</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>None</td> <td>N</td> </tr> <tr> <td>Series resistor</td> <td>G*</td> </tr> <tr> <td>EOL resistor</td> <td>H*</td> </tr> <tr> <td>Diode</td> <td>E*</td> </tr> <tr> <td>Tag label</td> <td>T*</td> </tr> <tr> <td>Custom duty label</td> <td>D*†</td> </tr> <tr> <td>Addressable module (SIGA-CT1)</td> <td>M**</td> </tr> </tbody> </table> <p>* Please specify.                      **To be free issued by the customer.                      † Only select if non standard option is required.</p>	Features	Code	None	N	Series resistor	G*	EOL resistor	H*	Diode	E*	Tag label	T*	Custom duty label	D*†	Addressable module (SIGA-CT1)	M**	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Natural Red</td> <td>R</td> </tr> <tr> <td>Blue</td> <td>B</td> </tr> <tr> <td>Yellow</td> <td>Y</td> </tr> <tr> <td>Special</td> <td>S*</td> </tr> </tbody> </table> <p>* Please specify.</p>	Finish	Code	Natural Red	R	Blue	B	Yellow	Y	Special	S*
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NOTE: the units can be internally wired to suit customers specifications. Please discuss your requirements with us.

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