



Hazardous Area Electrical Equipment



CS – Stainless Steel Pushbutton Control Station – Zones 1&2, 21&22

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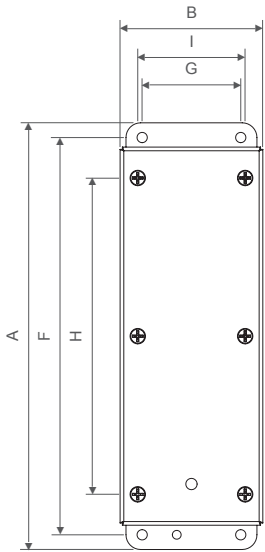
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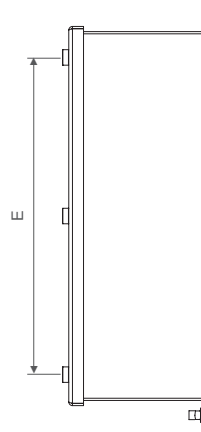
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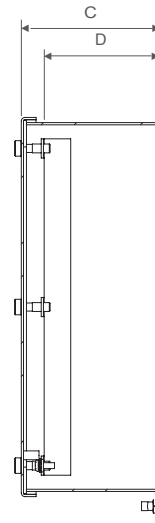
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Front View



Side View



Section View

Dimensions (mm)

Catalogue No.	External			Fixings		Lid fixings		No of fixings		
	A	B	C	D	E	F	G		H	I
CS11XA/S	152	90	91	79	112	132	67	77	73	4
CS12XA/S	199	90	91	79	159	179	67	124	73	4
CS13XA/S	245	90	91	79	205	225	67	170	73	4
CS14XA/S	290	90	91	79	250	270	67	215	73	6
CS16XA/S	383	90	91	79	343	363	67	308	73	6

The above enclosures are sold with controls and terminals fitted. Contact your sales representative to discuss your project requirements.



CS – Stainless Steel

Pushbutton Control Station – Zones 1 & 2, 21 & 22



brenclosures.com.au/cs.htm



Certification number: IECEx ITA 10.0023x



Features

- Customised etched identification label
- Protection
 - Ex e IIC T6 Gb
 - Ex nA IIC T6 Gc, Zone 2 only
 - Ex de IIC T6 Gb
 - Ex tD A21/22 T80°C
 - DIP A21/22 Ta80°C
 - Ex t IIIC T80°C Db
- Ambient temperature -20°C ~ +40°C
- Conformity
 - IEC 60079-0, IEC 60079-7
 - IEC 60079-15, IEC 60079-31
- Materials
 - Body – 316 stainless steel
 - Body thickness – 1.5mm
 - Gasket – EPDM
- Surface finish – N4
- Protection rating – IP65, IP66 and IP67

Introduction

General Purpose

Special Purpose

The pushbutton control station is constructed from 316 stainless steel and is suitable for use in hazardous areas with the most demanding conditions. These control stations are designed to suit a variety of pushbuttons in Zone 1, Zone 2, Zone 21 and Zone 22 applications where flammable liquids, gases & vapours or combustible dusts are frequently present.

Multiple Applications

Inclusions

- Earth strap kit
- Steel mounting pan (optional)

Push Button Product

Selection Guide

Catalogue No.	Description	Dimensions (mm)			To suit No. of Push Buttons
		Height	Width	Depth	
CS11XA/S	Single gang	112	90	90	1
CS12XA/S	Double gang	159	90	90	2
CS13XA/S	Three gang	205	90	90	3
CS14XA/S	Four gang	250	90	90	4
CS16XA/S	Six gang	343	90	90	6

The above enclosures are sold with controls and terminals fitted. Contact one of our sales engineers to discuss project requirements.

Data & Communications

Ancillary Items



Contact Block



Pushbuttons



Switches

Technical Drawings

Technical Information

Stainless Steel Pushbutton Control Station

Ex e, Ex nA, Ex de, Ex tD, DIP & Ex t Protection

Zones 1 & 2, 21 & 22



Protection: Ex e IIC T6 Gb
 Ex nA IIC T6, Zone 2 only
 Ex de IIC T6 Gb
 Ex tD A21/22 T80°C
 DIP A21/22 Ta80°C
 Ex t IIIC T80°C Db

Ambient Temperature: -20°C ~ +40°C

Conformity: IEC 60079-0, IEC 60079-7
 IEC 60079-15, IEC 60079-31
 Certification number: IECEx ITA 10.0023x



IP65/66/67

OVERVIEW

The pushbutton control station is made from 316 stainless steel and is suitable for use in hazardous areas with the most demanding conditions.

These enclosures are suitable for Zone 1, Zone 2, Zone 21 and Zone 22 applications where flammable liquids, gases & vapours or combustible dusts are frequently present.

MATERIALS

Body: 316 stainless steel
 Body thickness: 1.5mm
 Gasket: EPDM
 Fixings: 316 stainless steel
 Surface finish: N4

APPLICATION

Designed to house terminals, electrical equipment and cable terminations in areas classified hazardous by the presence of flammable liquids, gases and vapours or combustible dusts.

FEATURES

- IP65, IP66 and IP67 protection rating
- Customised etched identification label
- Screwed lid
- Mounting flanges
- 3mm stainless steel gland plate
- Stainless steel fixings
- Earth strap kit
- Steel mounting pan (optional)

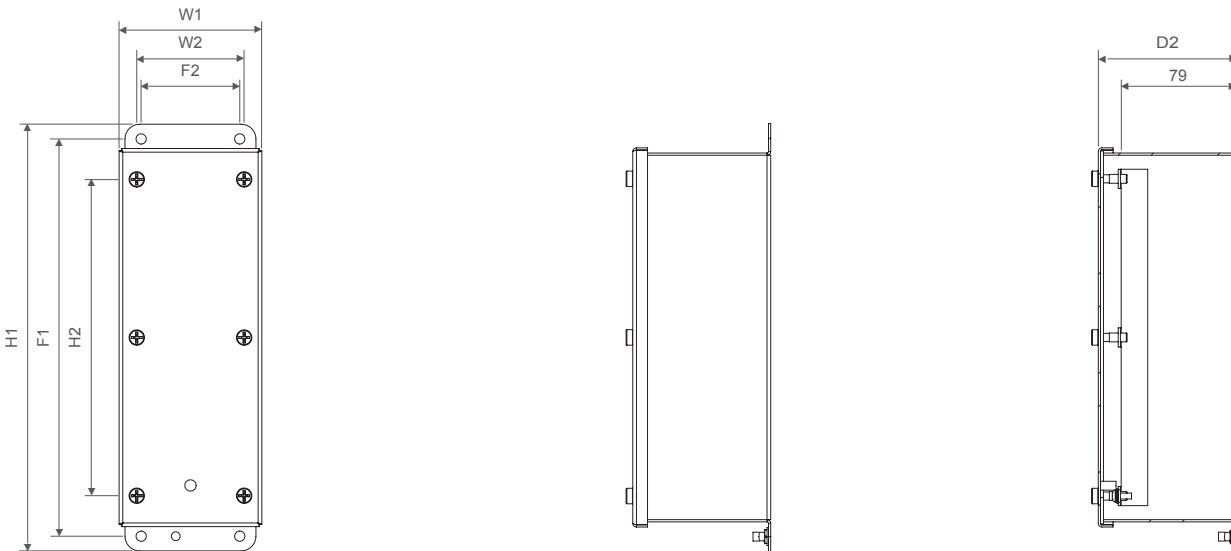
ENCLOSURES SS CS

CATALOGUE INFO

Catalogue No.	Description	External Dimensions (mm)				Fixings (mm)		Lid Fixings (mm)		Layout	No. of Push Buttons
		Height (H1)	Width (W1)	Depth (D1)	Distance from Wall (D2)	Height (F1)	Width (F2)	Height (H2)	Width (W2)		
CS11XA/S	Single gang	152	90	90	91	132	67	77	73	1x1	1
CS12XA/S	Double gang	199	90	90	91	179	67	124	73	1x2	2
CS13XA/S	Three gang	245	90	90	91	225	67	170	73	1x3	3
CS14XA/S	Four gang	290	90	90	91	270	67	215	73	1x4	4
CS16XA/S	Six gang	383	90	90	91	363	67	308	73	1x6	6

The above enclosures are sold with controls and terminals fitted. Contact one of our sales engineers to discuss project requirements.

TECHNICAL DRAWINGS



INCLUSIONS

The CS pushbutton control station can be customised to suit your requirements by the fitting of control gear/operators, entries and terminals.

Example of Controls/Operators available:

- Pushbuttons
- Emergency Stop Operator
- Isolator Switches
- Key Switches
- Pilot Lights
- Terminals
- Ammeters
- Voltmeters
- Circuit Breakers



DISCLAIMER: For information only. Refer to certificate of conformity or contact our technical department for detailed product information.



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Email sales@brenclosures.com.au
 Web www.brenclosures.com.au