

Control Station and Control Panel: Control Station, CTE2 series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22

Application

CTE2 control stations are used for local or remote control of motors and machines in hazardous areas classified as Zone 1, Zone 2, Zone 21, and Zone 22.

Specification

Body, cover : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
Sealing gasket : Silicone
Bolts, nuts : Stainless steel, SS 304

Electrical Rating

Switch modules : 16 A 400 V (AC 12)
10 A 400 V (AC 15)
1 A 24 V (DC 13)
690 V rated insulation voltage



Lamp modules : LED lamp > 10⁵ hrs illuminated
AC 12 V to 250 V operating voltage
DC 12 V to 60 V operating voltage
< 1 W power consumption
300 V rated insulation voltage



Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	II 2G	II 2D
Symbol of Protection	Ex de IIC T6 Gb	Ex tb IIC T80°C
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-7, EN IEC 60079-31	
Ambient Temperature	-20°C to +50°C	
Index of Protection	IP65	
Entry Threads	1/2" to 1" NPT (M20x1.5 to M32x1.5)	
Mounting	Wall type	

Catalogue Number Logic

Series	Number of unit	Number of padlockable	Entry threads	Number of terminals
1	1 unit	00 none	T Dead-end/ Top	2T 2-Poles
2	2 units	1P 1-padlockable	B Dead-end/ Bottom	4T 4-Poles
3	3 units	2P 2-padlockable	C Through-feed	6T 6-Poles
4	4 units	3P 3-padlockable	M1 M20x1.5	8T 8-Poles
			M2 M25x1.5	
			M3 M32x1.5	

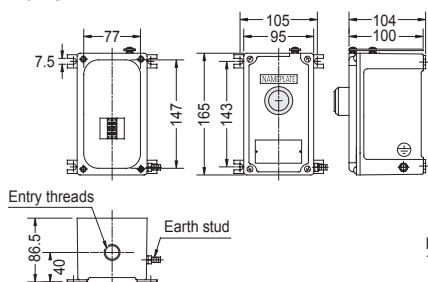
Ordering Requirements

Number of unit	Number of padlockable *	Cat. No.	Approx. weight (kg)
1 unit	none	CTE2-100-□□□-□ T	1.20
	1	CTE2-11P-□□□-□ T	
2 units	none	CTE2-200-□□□-□ T	1.50
	1	CTE2-21P-□□□-□ T	
3 units	none	CTE2-300-□□□-□ T	2.25
	1	CTE2-31P-□□□-□ T	
	2	CTE2-32P-□□□-□ T	
	3	CTE2-33P-□□□-□ T	
4 units	none	CTE2-400-□□□-□ T	2.25

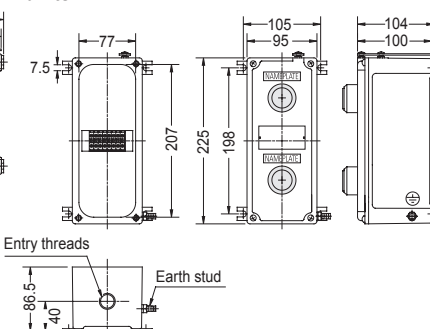
* Padlockable by pin for push buttons and/or selector switches

Dimensions (in mm)

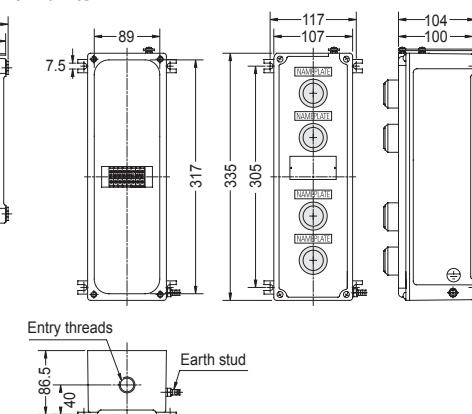
1 unit



2 units



3-4 units



Note: For the selection of switches and pilot lights, please refer to IDEC's catalogue for the EU2B series.