



## Connector TE - 316 Stainless Steel Termination Enclosures - IP66

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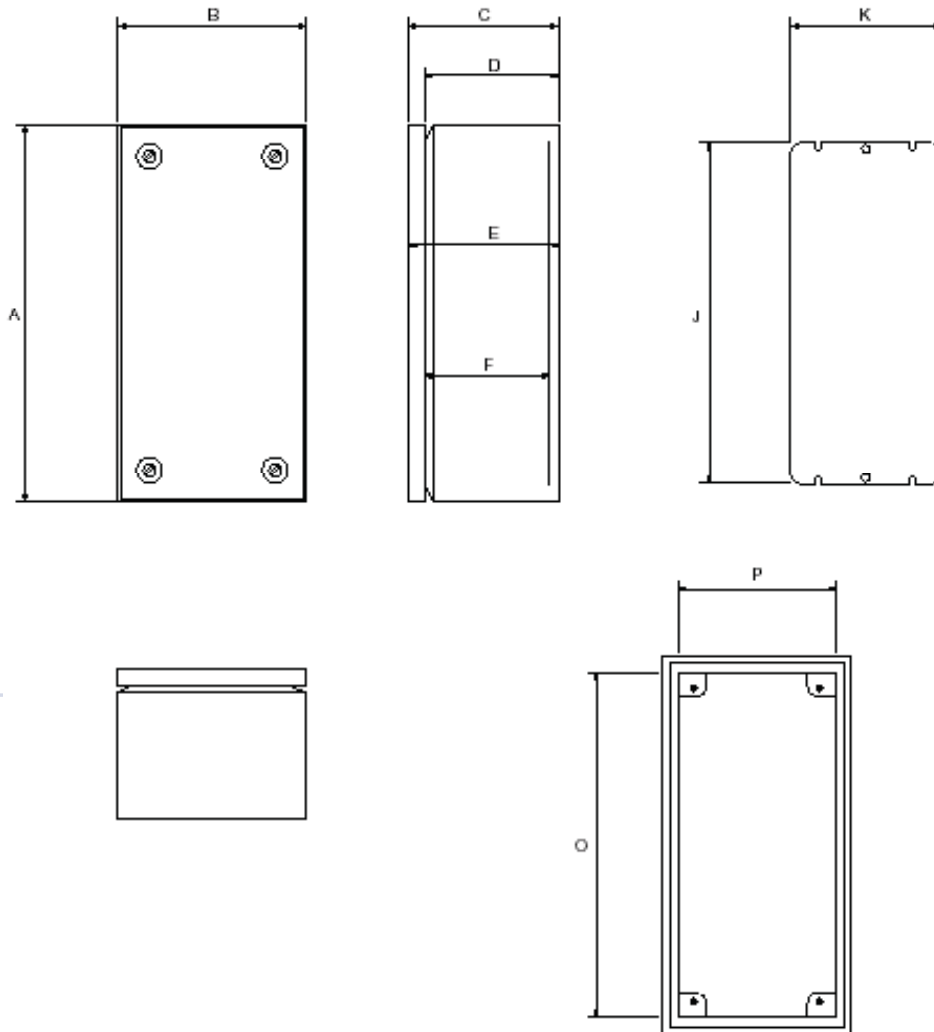
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# CONNECTOR TE



DIMENSION SHEET

NSION

### Powdercoated Enclosures

Catalogue Number	External Dimensions				Internal Depth		Mounting Pan		Opening Size	
	A	B	C	D	E	F	J*	K*	O	P
TE1108	150	150	80	61	77	48	122	120	125	125
TE2212	200	200	120	101	117	88	172	170	175	175
TE3112	300	150	120	101	117	88	272	120	275	125
TE3212	300	200	120	101	117	88	272	170	275	175
TE4212	400	200	120	101	117	88	372	170	375	175
TE6212	600	200	120	101	117	88	572	170	575	175

SION SHEET

### Stainless Steel Enclosures

Catalogue Number	External Dimensions				Internal Depth		Mounting Pan		Opening Size	
	A	B	C	D	E	F	J*	K*	O	P
TE1108/S	150	150	80	61	77	48	122	120	125	125
TE2212/S	200	200	120	101	117	88	172	170	175	175
TE3112/S	300	150	120	101	117	88	272	120	275	125
TE3212/S	300	200	120	101	117	88	272	170	275	175
TE4212/S	400	200	120	101	117	88	372	170	375	175
TE6212/S	600	200	120	101	117	88	572	170	575	175

\*Mounting Pan is optional extra

SION SHEET

DIMENSION SHEET



# Connector TE - 316 Stainless Steel Termination Enclosures - IP66

brenclosures.com.au/tess.htm



## Connector TE Features

- Captive stainless steel universal head screws, used to prevent loss when fastening
- Provision for mounting DIN rails or a mounting pan, increasing application flexibility
- Approvals
  - CE marked
  - Lloyds
- Materials
  - Body – 316 stainless steel
  - Body thickness – 1.2mm
  - Gasket – polyurethane
- Surface finish – N4
- Protection rating – IP66

The Connector TE series is an IP66 rated enclosure, designed for corrosive or aggressive environments. It is very flexible, with provision for the installation of either a mounting pan or DIN rails, both of which are available as an option.

Typical applications include housing terminations, push buttons or switchgear in harsh environments, where a robust enclosure is required.

### Inclusions

Earth strap kit.

## Connector TE Selection Guide

Catalogue No	Dimensions (mm)			Usable Depth (mm)		Weight (kg)
	Height	Width	Depth	with DIN Rail	with Mounting Pan	
TE1108/S	150	150	80	47	60	1.2
TE3112/S	300	150	120	87	100	2.4
TE2212/S	200	200	120	87	100	2.2
TE3212/S	300	200	120	87	100	2.9
TE4212/S	400	200	120	87	100	3.6
TE6212/S	600	200	120	87	100	4.9

## Connector TE Accessories

Product	Description	Catalogue No	TE1108/S	TE2212/S	TE3112/S	TE3212/S	TE4212/S	TE6212/S
Mounting pan - metal	122x120mm	TEMP11	•					
	172x170mm	TEMP22		•				
	272x120mm	TEMP31			•			
	272x170mm	TEMP32				•		
	372x170mm	TEMP42					•	
	572x170mm	TEMP62						•
DIN rail - aluminium	140x35mm	TED1	•		•			
	190x35mm	TED2		•		•	•	•
	290x35mm	TED3			•	•		
	390x35mm	TED4					•	
	590x35mm	TED6						•
Wall mounting brackets (pack of 4)	316 stainless steel	MEB/S	•	•	•	•	•	•

Introduction

General Purpose

Special Purpose

Multiple Application

Datagrams

Ancillary Items

Enclosure Selection

# Connector TE

## Termination Enclosures - IP66



The Connector TE series is a IP66 rated enclosure, designed for corrosive or aggressive environments. It is very flexible, with provision for the installation of either a mounting pan or DIN rails, both of which are available as an option.

Typical applications include housing terminations, push buttons or switchgear in harsh environments, where a robust enclosure is required.

### Size Range Summary

Model	TE1108/S	TE2212/S	TE3112/S	TE3212/S	TE4212/S	TE6212/S
Height	150	200	300	300	400	600
Width	150	200	150	200	200	200
Depth	80	120	120	120	120	120

### Inclusions

Earth Strap Kit

### Accessories Summary

Metal mounting pan, wall mounting brackets, and DIN rail.



### Connector TE Features

- Protection rating of IP66 certified by NATA to ensure protection against dust and water in demanding conditions
- 316 stainless steel, corrosion resistant construction with an N4 surface finish for durability and to minimise 'tea staining' in a harsh Australian climate
- Fully welded construction with reinforced doors for extra durability when mounting equipment
- Captive stainless steel universal head screws, used to prevent the loss of screws when fastening, increasing installation efficiency
- Polyurethane gasket foamed in place to ensure adequate sealing, protecting internal equipment
- Provision for mounting DIN rails or a mounting pan, increasing application flexibility
- Earthing strap supplied for additional safety
- Easy installation with standard accessories including mounting pans, DIN rails and mounting brackets

### Approvals

CE marked  
Lloyds

### Materials

Body - 316 stainless steel  
Body Thickness - 1.2mm  
Gasket - Polyurethane

Surface Finish - N4

Protection Rating - IP66

### Guides

Material selection - page 290

### Also of interest

Smaller sizes - page 26  
Larger sizes - page 94

### Drawing

Page 266

## Connector TE Enclosures & Dimensions

Model	Dimensions (mm)			Usable Depth (mm)		Weight (kg)
	Height	Width	Depth	DIN Rail	Mounting Pan	
TE1108/S	150	150	80	47	60	1.2
TE3112/S	300	150	120	87	100	2.4
TE2212/S	200	200	120	87	100	2.2
TE3212/S	300	200	120	87	100	2.9
TE4212/S	400	200	120	87	100	3.6
TE6212/S	600	200	120	87	100	4.9



## Connector TE Accessories

### Metal Mounting Pans

Mounting pans are very simple to install, using mounting frames supplied as part of the Connector TE enclosure. The slotted mounting holes ensure that locating the pan accurately.

Mounting pans are manufactured from 2 mm thick pretreated mild steel with a gloss white powdercoat finish.

Catalogue Number	To suit enclosure	Mounting Pan Size (mm)	
		Height	Width
TEMP11	TE1108/S	122	120
TEMP22	TE2212/S	172	170
TEMP31	TE3112/S	272	120
TEMP32	TE3212/S	272	170
TEMP42	TE4212/S	372	170
TEMP62	TE6212/S	572	170



### DIN Rail

DIN rails are very simple to install using mounting frames supplied as part of the Connector TE enclosure. They can be fitted either singularly or in pairs.

DIN rails are manufactured from 15 mm deep extruded aluminium (DIN35/15) for maximum rigidity.

Catalogue Number	To suit enclosure Width (mm)	Dimensions (mm)	
		Length	Width
TED1	150	140	35
TED2	200	190	35
TED3	300	290	35
TED4	400	390	35
TED6	600	590	35



Shows lower mounting frame of TE



Non-metallic

General Purpose

Stainless Steel

Mining & Hazardous

Switchboard Building

Datacoms

Climate Control

Technical Drawings

Enclosure Selection

## Connector TE Accessories (continued)

### Mounting Brackets (Stainless Steel)

Mounting brackets are easy to install and are supplied in a pack of 4 complete with nuts, bolts, gaskets and washers. Once installed the enclosure is positioned slightly away from the mounting surface to ensure that any debris can be easily washed off the enclosure top.

Mounting brackets are manufactured from robust 2 mm thick 316 stainless steel.



Catalogue Number	Description	Dimensions (mm)			To suit enclosures Width (mm)
		Height	Width	Standoff Ht	
MEB/S	4 Individual Mounting brackets and fittings	75	47	12	All



# CONNECTOR TE SS



SPECIAL PURPOSE



Robust fully welded construction

Foamed in place polyurethane gasket

Prevents lost fastenings by utilising captive 316 stainless steel, universal head screws

Corrosion resistant 316 grade stainless steel with N4 surface finish to reduce 'tea staining'

The Connector TE series is suitable for many applications requiring the use of smaller, robust enclosures. Typically this may include housing terminations, push buttons or switchgear.

The Connector TE has an extremely flexible system for mounting electrical equipment. This can be done via a mounting pan or DIN rail system. Both of these systems are easy to install and are available as option extras to suit the requirements of the installation.

The same flat face sealing system is used on the Connector TE as in the high end enclosures manufactured by B&R. This ensures a reliable and long lasting seal no matter what the application.

Contact your local B&R office for details  
[www.brenclosures.com.au](http://www.brenclosures.com.au)

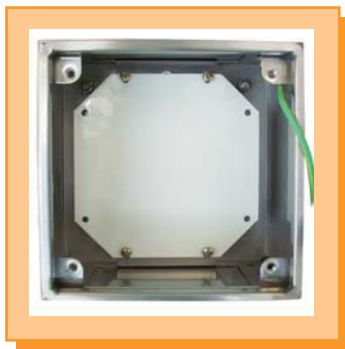


## TECHNICAL INFORMATION

The Connector TE comes complete with fixings suitable for installation of either a mounting pan or DIN rails, both of which are available as an optional extra. Mounting brackets are also available to allow easy wall mounting.



Model	Dimensions (mm)			Usable Depth (mm)	
	Height	Width	Depth	DIN Rail	Mounting Pan
TE1108/S	150	150	80	47	60
TE2212/S	200	200	120	87	100
TE3112/S	300	150	120	87	100
TE3212/S	300	200	120	87	100
TE4212/S	400	200	120	87	100
TE6212/S	600	200	120	87	100



## SPECIAL FEATURES

- NATA tested to IP66 protection rating
- Corrosion resistant 316 grade stainless steel with N4 surface finish to reduce 'tea staining'
- Robust fully welded construction
- Prevents lost fastenings by utilising captive 316 stainless steel, universal head screws
- Foamed in place polyurethane gasket
- Easy installation with standard accessories including mounting pans, DIN rails and mounting brackets

## ACCESSORIES GUIDE

Model	Accessories		
	Mounting Pans	DIN Rail	Mounting Brackets
TE1108/S	•	•	•
TE2212/S	•	•	•
TE3112/S	•	•	•
TE3212/S	•	•	•
TE4212/S	•	•	•
TE6212/S	•	•	•

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