

Multiple Application Enclosure Systems



Disclaimer: Image shown for illustration purposes only.



Field FC Industrial Field Enclosures – IP66

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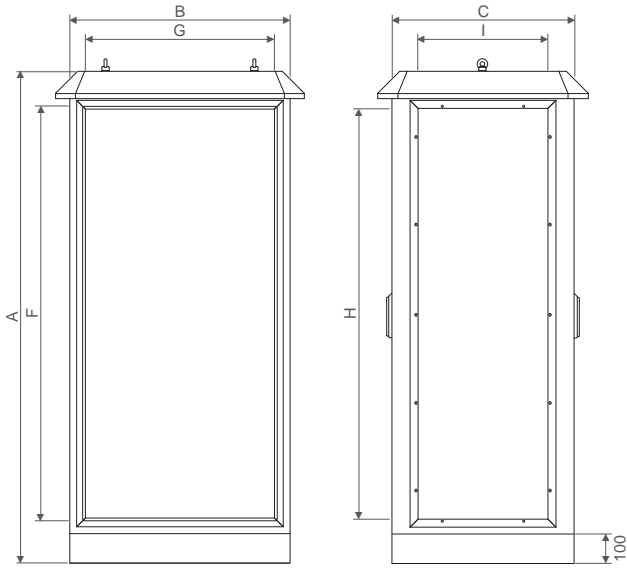
Web Links

[Field FC Information Page](#)

[Ask a question / Send us an enquiry](#)

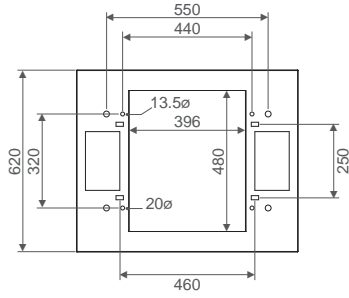
[Information about B&R](#)

[Local Sales Team Phone Numbers](#)

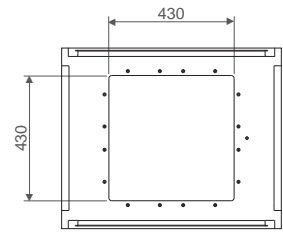


Front View

Side View



Bottom View



Cable Entry

Catalogue No.			Dimensions (mm)						
			External			Front Opening		Side Opening	
Zinc coated steel	316 stainless steel	Aluminium	A	B	C	F	G	H	I
FC130706	FC130706/S	FC130706/A	1375	755	620	1085	640	1095	440
FC160706	FC160706/S	FC160706/A	1675	755	620	1385	640	1395	440
FC190706	FC190706/S	FC190706/A	1975	755	620	1685	640	1695	440
FC220706	FC220706/S	FC220706/A	2275	755	620	1985	640	1995	440



Field FC

Industrial Field Enclosure – IP66

brenclosures.com.au/field.htm



Disclaimer: Image shown for illustration purposes only.



Features

- Flush front and rear doors with concealed hinges to minimise forced entry
- Lifting eye bolts on enclosure top
- 3 point locking & low profile handle
- Adjustable internal mounting rail system
- Approvals
 - CE marked
 - Lloyds
- Materials
 - Body – zinc coated steel, 316 stainless steel and aluminium options
 - Body thickness – 2mm
 - Gasket – polyurethane
- Surface finish – powdercoated T33 smoke blue textured gloss
- Protection rating – IP66 (with solid gland plate and flush side panels)

The substantial growth in infrastructure in Australia and the requirement to protect electronic equipment in outdoor or isolated locations has led to the need for a flexible enclosure. Protection against vandalism and the functionality of the system are two of the major considerations when selecting an enclosure for isolated environments. The Field FC enclosure has been designed specifically to minimise vandalism. The flexibility of the range allows it to be used in a variety of applications including the housing of ITS equipment, GPS receivers/transmitters, road monitoring/traffic management equipment, radio communications equipment and much more.

Inclusions

- Enclosure frame
- Front and rear door
- Rainhood/solar shield
- 3mm aluminium gland plates
- 100mm high plinth – stainless
- Eye bolts
- Vertical mounting posts

Selection Guide

	Catalogue No.			Dimensions (mm)			Usable Depth (mm)	Available RU
	Zinc coated steel	316 stainless steel	Aluminium	Height [#]	Width	Depth		
FC130706	FC130706/S [^]	FC130706/A [^]		1375	755	620	520	24
FC160706	FC160706/S [^]	FC160706/A [^]		1675	755	620	520	31
FC190706	FC190706/S [^]	FC190706/A [^]		1975	755	620	520	38
FC220706 [^]	FC220706/S [^]	FC220706/A [^]		2275	755	620	520	45

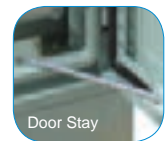
Note: Side panels and racks rails not included

[#] Overall Height

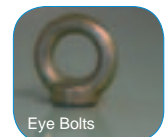
[^] Available on request



Gland Plate



Door Stay



Eye Bolts

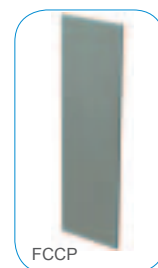
Accessories

Cladding

Product	Description	Catalogue No.*	To suit enclosure (mm)	
			Height	Depth
Flush side panel – zinc coated steel	panel with no ventilation	FCCP1306	1375	620
		FCCP1606	1675	620
		FCCP1906	1975	620
		FCCP2206 [▲]	2275	620
Flush side panel – 316 stainless steel	panel with no ventilation	FCCP1306/S [▲]	1375	620
		FCCP1606/S [▲]	1675	620
		FCCP1906/S [▲]	1975	620
		FCCP2206/S [▲]	2275	620
Flush side panel – aluminium	panel with no ventilation	FCCP1306/A [▲]	1375	620
		FCCP1606/A [▲]	1675	620
		FCCP1906/A [▲]	1975	620
		FCCP2206/A [▲]	2275	620
Vented side panel – zinc coated steel	panel with vent hoods	FCCP1306V	1375	620
		FCCP1606V	1675	620
		FCCP1906V	1975	620
		FCCP2206V [▲]	2275	620
Vented side panel – 316 stainless steel	panel with vent hoods	FCCP1306V/S [▲]	1375	620
		FCCP1606V/S [▲]	1675	620
		FCCP1906V/S [▲]	1975	620
		FCCP2206V/S [▲]	2275	620
Vented side panel – aluminium	panel with vent hoods	FCCP1306V/A [▲]	1375	620
		FCCP1606V/A [▲]	1675	620
		FCCP1906V/A [▲]	1975	620
		FCCP2206V/A [▲]	2275	620

* Includes one side panel only

[▲] Available on request



FCCP



FCCP-V

Introduction

General Purpose

Special Purpose

Multiple Applications

Hazardous Areas

Data & Communications

Auxiliary Items

Technical Drawings

Technical Information

Ventilated Shelves

Product	Description	Catalogue No.	Dimensions (mm)		
			Width	Depth	Height (RU)
Standard	19 inch, rated to 50kg	FCSF06/19*	440	480	1
	21 inch, rated to 50kg	FCSF06/21* [▲]	490	480	1
Heavy duty (100Kg)	19 inch, rated to 100kg	FCSH06/19*	440	480	1
	21 inch, rated to 100kg	FCSH06/21* [▲]	490	480	1
Telescopic (20kg)	19 inch, rated to 20kg	FCST06/19*	440	480	1
	21 inch, rated to 20kg	FCST06/21* [▲]	490	480	1
Battery tray		FCBT [▲]	410	450	1

* Rack rail required

[▲] Available on request



FCSF



FCST



Field FC – Accessories

Cladding, Shelves & General Accessories

Baying Kits

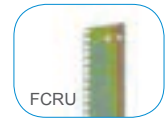
Product	Catalogue No.	To suit enclosure (mm)	
		Height	Depth
Baying kits – zinc coated steel	FCBK1306 [▲]	1375	620
	FCBK1606 [▲]	1675	620
	FCBK1906 [▲]	1975	620
	FCBK2206 [▲]	2275	620
Baying kits – stainless steel	FCBK1306/S [▲]	1375	620
	FCBK1606/S [▲]	1675	620
	FCBK1906/S [▲]	1975	620
	FCBK2206/S [▲]	2275	620

[▲] Available on request

Rails and Brackets

Product	Description	Catalogue No.	Height (mm)	To suit enclosure (mm)
				Height
19/21 inch rail (set of 4)	24RU	FCRU24	1081	1375
	31RU	FCRU31	1381	1675
	38RU	FCRU38	1681	1975
	45RU	FCRU45 [▲]	1981	2275
Power rail bracket	pair	FCRP [▲]	–	–
Vertical power rail	5 outlet, 10A	ARPRV61010	–	–

[▲] Available on request



FCRU



ARPRV



FCRP

General Accessories

Product	Description	Catalogue No.	Height (RU)
15 way backmount frame	19 inch	FCCD15/19	3
19 pole load centre	19 inch	FCLC19/19	5
Light kit (c/w switch)	8 watt switched	FCLK [▲]	1
Door limit switch (alarm)	10A, 250VAC	FCDS	1
Additional switch	10A, 250VAC	FCSW [▲]	N/A
Thermostat	10°C to +60°C	FTHERM	N/A
Gland Plate – aluminium	3mm	FCGA0706 [▲]	N/A
Plan holder	A3	FCPLN07 [▲]	N/A

* Light kit required

[▲] Available on request



FCCD



FCLC



FCLK



FTHERM

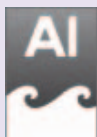


FCGA



FCPLN

Industrial Field Enclosure



OVERVIEW

With substantial growth in infrastructure in Australia, the requirement to protect electronic equipment in outdoor and isolated locations has led to the need for a flexible enclosure.

The field enclosure has been designed specifically to minimise vandalism.

MATERIALS

Body: Zinc coated steel / aluminium or 316 stainless steel
 Body thickness: 2mm or 1.5mm stainless steel
 Surface finish: Polyester powdercoated T33 smoke blue textured gloss (anti-graffiti coating also available)

APPLICATION

The flexibility of the range allows it to be used in a variety of applications including the housing of ITS equipment, GPS receivers/transmitters, road monitoring/traffic management equipment, radio communications equipment.

FEATURES

- IP66 protection rating
- Flush front and rear doors with concealed hinges to minimise forced entry
- Lifting lugs (eye bolts) on enclosure top
- Plinths for corrosion protection
- 3 point locking, low profile handle to minimise damage to locking mechanism and key coded locking barrels
- Door stays to retain door in open position
- Rainhood / sunshield to minimise the effect of the elements
- Adjustable internal mounting rail system

Catalogue No.			Dimensions (mm)				Available RU
Zinc coated steel	316 stainless steel	Aluminium	Height [#]	Width	Depth	Usable Depth	
FC130706	FC130706/S [^]	FC130706/A [^]	1375	755	620	520	24
FC160706	FC160706/S [^]	FC160706/A [^]	1675	755	620	520	31
FC190706	FC190706/S [^]	FC190706/A [^]	1975	755	620	520	38
FC220706 [^]	FC220706/S [^]	FC220706/A [^]	2275	755	620	520	45

Note: Side panels and racks rails not included

[#] Overall Height

[^] Available on request

Accessories

Product	Description	Catalogue No.*	To suit enclosure (mm)	
			Height	Depth
Flush side panel – zinc coated steel	panel with no ventilation	FCCP1306	1375	620
		FCCP1606	1675	620
		FCCP1906	1975	620
		FCCP2206 [^]	2275	620
Flush side panel – 316 stainless steel	panel with no ventilation	FCCP1306/S [^]	1375	620
		FCCP1606/S [^]	1675	620
		FCCP1906/S [^]	1975	620
		FCCP2206/S [^]	2275	620
Flush side panel – aluminium	panel with no ventilation	FCCP1306/A [^]	1375	620
		FCCP1606/A [^]	1675	620
		FCCP1906/A [^]	1975	620
		FCCP2206/A [^]	2275	620
Vented side panel – zinc coated steel	panel with vent hoods	FCCP1306V	1375	620
		FCCP1606V	1675	620
		FCCP1906V	1975	620
		FCCP2206V [^]	2275	620
Vented side panel – 316 stainless steel	panel with vent hoods	FCCP1306V/S [^]	1375	620
		FCCP1606V/S [^]	1675	620
		FCCP1906V/S [^]	1975	620
		FCCP2206V/S [^]	2275	620
Vented side panel – aluminium	panel with vent hoods	FCCP1306V/A [^]	1375	620
		FCCP1606V/A [^]	1675	620
		FCCP1906V/A [^]	1975	620
		FCCP2206V/A [^]	2275	620

* Includes one side panel only

[^] Available on request

Please Note: Not all accessories are listed. For more information on accessories available visit www.brenclosures.com.au/field.htm

INCLUSIONS

- Rainhood / sunshield
- 3mm aluminium gland plates
- 100mm high plinth – stainless
- Eye bolts
- Vertical mounting posts



Other brands in the B&R Group:



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Townsville P: +61 7 4775 6255
Sydney P: +61 2 8867 7688
Newcastle P: +61 2 4961 4433
Victoria P: +61 3 8588 8400

South Australia P: +61 8 8417 6200
Western Australia P: +61 8 9248 9744
Tasmania P: +61 3 6331 5545
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