

Forte FR Carbon Steel



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Features

- Protection rating – IP65
- 110° door opening for ease of access
- 2mm steel mounting pan
- Punched holes on rear for wall mounting
- Foamed in place polyurethane gasket



OVERVIEW

The Forte FR is a range of general purpose enclosures often used to house switchgear or components in a variety of applications. This range is manufactured from carbon steel and has been designed to be wall mounted quickly and easily.

MATERIALS

- Body – Carbon steel
- Body thickness – 1.2 / 1.6mm
- Gasket – FIP Polyurethane
- Surface finish – Powdercoated RAL7035

APPLICATION

Typical installations are for industrial automation and process control applications.

INCLUSIONS

- Wall mount brackets
- 2mm steel mounting pan
- Gland plates (200mm deep and above)
- 7mm square turnbuckle lock (NI020)
- Earth strap kit



Forte FR – Carbon Steel

SELECTION GUIDE

Catalogue No.	Dimensions (mm)					Mounting Pan (mm)		Door Rails		Fixing points*	No of locks	Weight (kg)
	Height	Width	Depth	Usable Depth	Thk.	Height	Width	Vertical	Horizontal			
FR030212	300	200	120	100	1.2	250	150			4	1	3.7
FR030215	300	200	150	130	1.2	250	150			4	1	3.9
FR030315	300	300	150	130	1.2	250	250			4	1	5.3
FR040315	400	300	150	130	1.2	350	250			4	1	6.7
FR030415	300	400	150	130	1.2	250	350			4	1	6.7
FR030320	300	300	200	180	1.6	250	250			4	1	6.5
FR040320	400	300	200	180	1.6	350	250			4	1	7.5
FR050320	500	300	200	180	1.6	450	250			4	1	9.0
FR060320	600	300	200	180	1.6	550	250			4	1	13.0
FR030420	300	400	200	180	1.6	250	350			4	1	7.4
FR040420	400	400	200	180	1.6	350	350			4	1	11.8
FR050420	500	400	200	180	1.6	450	350			4	1	14.3
FR060420	600	400	200	180	1.6	550	350			4	1	16.7
FR070420	700	400	200	180	1.6	650	350			4	2	17.1
FR050520	500	500	200	180	1.6	450	450			4	2	17.0
FR060620	600	600	200	180	1.6	550	550			4	1	23.2
FR080620**	800	600	200	180	1.6	750	550	•		4	1	29.9
FR040430	400	400	300	280	1.6	350	350			4	1	14.1
FR060430	600	400	300	280	1.6	550	350			4	1	19.5
FR050530	500	500	300	280	1.6	450	450			4	2	19.9
FR060630	600	600	300	280	1.6	550	550			4	2	26.6
FR080630	800	600	300	280	1.6	750	550	•		4	2	33.9
FR100630	1000	600	300	280	1.6	950	550	•		6	2	41.2
FR120630	1200	600	300	280	1.6	1150	550	•		6	2	42.0
FR100830#	1000	800	300	280	1.6	950	750		•	6	2	51.8
FR120830#	1200	800	300	280	1.6	1150	750		•	6	2	61.0
FR100840#	1000	800	400	380	1.6	950	750		•	6	2	63.0
FR120840#	1200	800	400	380	1.6	1150	750		•	6	2	65.0

* Suits M8 fixings

** Vertical door rail option

Horiztonal or vertical door rail option

ACCESSORIES

Product	Description	Catalogue No.
Vent kit – external	130 x 130mm	IPVK/LG



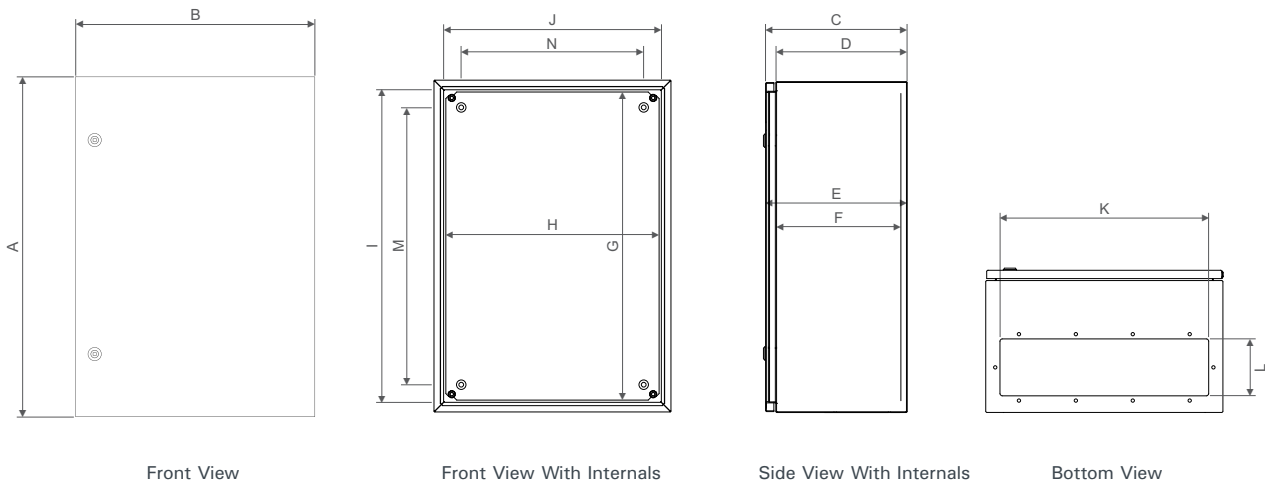
Vent Kit

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Technical Drawings



Dimensions (mm)																	
Catalogue	External				Internal Depth		Mounting Pan		Opening Size		Gland plate		Fixing Centres			Fixing Points	No of Locks
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		
FR030212	300	200	120	98	116	71	250	150	265	165	–	–	185	85	–	4	1
FR030215	300	200	150	128	146	101	250	150	265	165	–	–	185	85	–	4	1
FR030315	300	300	150	128	146	101	250	250	265	265	–	–	185	185	–	4	1
FR040315	400	300	150	128	146	101	350	250	365	265	–	–	285	185	–	4	1
FR030415	300	400	150	128	146	101	250	350	265	365	–	–	185	285	–	4	1
FR030320	300	300	200	178	196	151	250	250	265	265	250	120	185	185	–	4	1
FR030420	300	400	200	178	196	151	250	350	265	365	250	120	185	285	–	4	1
FR040320	400	300	200	178	196	151	350	250	365	265	250	120	285	185	–	4	1
FR040420	400	400	200	178	196	151	350	350	365	365	250	120	285	285	–	4	1
FR050320	500	300	200	178	196	151	450	250	465	265	250	120	385	185	–	4	1
FR050420	500	400	200	178	196	151	450	350	465	365	250	120	385	285	–	4	1
FR050520	500	500	200	178	196	151	450	450	465	465	440	120	385	385	–	4	1
FR060320	600	300	200	178	196	151	550	250	565	265	250	120	485	185	–	4	1
FR060420	600	400	200	178	196	151	550	350	565	365	250	120	485	285	–	4	1
FR060620	600	600	200	178	196	151	550	550	565	565	440	120	485	485	–	4	1
FR070420	700	400	200	178	196	151	650	350	665	365	250	120	585	285	–	4	2
FR080620	800	600	200	178	196	151	750	550	765	565	440	120	685	485	–	4	2
FR040430	400	400	300	278	296	251	350	350	365	365	250	120	285	285	–	4	1
FR050530	500	500	300	278	296	251	450	450	465	465	440	120	385	385	–	4	1
FR060430	600	400	300	278	296	251	550	350	565	365	250	120	485	285	–	4	1
FR060630	600	600	300	278	296	251	550	550	565	565	440	120	485	485	–	4	1
FR080630	800	600	300	278	296	251	750	550	765	565	440	120	685	485	–	4	2
FR100630	1000	600	300	278	296	251	950	550	965	565	440	120	885	485	442.5	6	2
FR120630	1200	600	300	278	296	251	1150	550	1165	565	440	120	1085	485	542.5	6	2
FR100830	1000	800	300	278	296	251	950	750	965	765	440	120	885	685	442.5	6	2
FR120830	1200	800	300	278	296	251	1150	750	1165	765	440	120	1085	685	542.5	6	2
FR100840	1000	800	400	378	396	351	950	750	965	765	440	120	885	685	442.5	6	2
FR120840	1200	800	400	378	396	351	1150	750	1165	765	440	120	1085	685	542.5	6	2