



TECHNICAL DATA

The stainless steel wall mount, fully welded enclosure with NEMA4X protection, is available off the shelf in many different sizes. This enclosure range is well suited for many different applications but specifically designed for field terminal connections and control stations.

The risk for component failure, and with that unnecessary downtime, is eliminated as water and dust are prevented from entering the enclosure.

SPECIFICATION COMPLIANCE:

Complies to Saudi Aramco specification SAES-J-902 and approved under 9COM number 6000000794 (Box: Electrical: Junction; Aluminium; Steel).

CERTIFICATION COMPLIANCE:

NEMA 4X
(Issued by an independent 3rd party IECEx approved Certification Body).

DESIGN BASIS:

Fully welded body to provide an integral unit ensuring Ingress Protection is maintained.

STANDARD FEATURES:

All enclosures fitted as standard with 316L locking system, hinges, removable gland plate, drain breather, and drawing pocket.

MATERIAL:

Enclosure - Body: 1.5mm - 2mm 316L hairline finish, Doors: 2mm hairline finish.

DOOR:

Mounted with two / three / four hinges, allowing left or right hand opening.

GASKET:

Continuous flexible polyurethane gasket UL listed for oil resistance with an operating temperature of -40 to +80 degrees C.

LOCK:

- Externally mounted Captive Clamps.
- Locks and clamps, 316L stainless steel.

GLAND PLATES:

Removable from the underside of the enclosure and available in 3mm 316L stainless steel material.

MOUNTING PLATES:

Standard 3mm galvanised steel or optional 1.5mm 316L stainless steel. Mounting plates bolted to weld on studs.

WALL MOUNT BRACKETS:

Fitted as standard with 4 x horizontal and optional, vertical wall mount brackets fully welded to the enclosure body. Facilitates M12 fixing bolt.

EARTHING:

Enclosure body and all loose panels, such as door and gland plate, are earthed with a separate weld on M8 earthing stud as standard. External M8 earth stud fitted as standard.

DELIVERY:

Protective packaging to ensure damage free transit.

STANDARD MODELS & DIMENSIONS

NO.	MODEL	EXTERNAL DIMENSIONS (MM)			MOUNTING PLATE (MM)	
		H	W	D	H	W
01	EXEC0252515	250	250	150	220	200
02	EXEC0302015	300	200	150	270	150
03	EXEC0302021	300	200	210	270	150
04	EXEC0303015	300	300	150	270	250
05	EXEC0303021	300	300	210	270	250
06	EXEC0403015	400	300	150	370	250
07	EXEC0403021	400	300	210	370	250
08	EXEC0404015	400	400	150	370	350
09	EXEC0404021	400	400	210	370	350
10	EXEC0405015	400	500	150	370	450
11	EXEC0405021	400	500	210	370	450
12	EXEC0406015	400	600	150	370	550
13	EXEC0406021	400	600	210	370	550
14	EXEC0406030	400	600	300	370	550
15	EXEC0504015	500	400	150	470	350
16	EXEC0504021	500	400	210	470	350
17	EXEC0505015	500	500	150	470	450
18	EXEC0505021	500	500	210	470	450
19	EXEC0505030	500	500	300	470	450
20	EXEC0506021	500	600	210	470	550
21	EXEC0604015	600	400	150	570	350
22	EXEC0604021	600	400	210	570	350
23	EXEC0604030	600	400	300	570	350
24	EXEC0604030	600	400	300	570	350
25	EXEC0605015	600	500	150	570	450
26	EXEC0605021	600	500	210	570	450
27	EXEC0605030	600	500	300	570	450
28	EXEC0606015	600	600	150	570	550
29	EXEC0606021	600	600	210	570	550
30	EXEC0606030	600	600	300	570	550
31	EXEC0606040	600	600	400	570	550
32	EXEC0608021	600	800	210	570	750
33	EXEC0608030	600	800	300	570	750
34	EXEC0706021	700	600	210	670	550
35	EXEC0706030	700	600	300	670	550
36	EXEC0805021	800	500	210	770	450
37	EXEC0805030	800	500	300	770	450
38	EXEC0806021	800	600	210	770	550
39	EXEC0806030	800	600	300	770	550
40	EXEC0808021	800	800	210	770	750
41	EXEC0808030	800	800	300	770	750
42	EXEC0905021	900	500	210	870	450
43	EXEC0905030	900	500	300	870	450
44	EXEC1006021	1000	600	210	970	550
45	EXEC1006030	1000	600	300	970	550
46	EXEC1008021	1000	800	210	970	750
47	EXEC1008030	1000	800	300	970	750
48	EXEC1208021	1200	800	210	1170	750
49	EXEC1208030	1200	800	300	1170	750
50	EXEC1208040	1200	800	400	1170	750