

Enclosure (F)XL*4 (P_{max} 15 W)

(F)XL*4 maximum permitted power dissipation to be built in: 15 W																
CSA [mm ²]																
Current [A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150
3	183	228	228	228	228	192	148	58	48	36	0	0	0	0	0	0
6	45	68	91	137	228	192	148	58	48	36	0	0	0	0	0	0
10	N/A	N/A	N/A	33	49	82	132	148	58	48	36	0	0	0	0	0
16	N/A	N/A	N/A	N/A	19	32	51	77	58	48	36	0	0	0	0	0
20	N/A	N/A	N/A	N/A	N/A	20	33	49	58	48	36	0	0	0	0	0
25	N/A	N/A	N/A	N/A	N/A	N/A	21	31	52	48	36	0	0	0	0	0
35	N/A	N/A	N/A	N/A	N/A	N/A	16	26	43	36	0	0	0	0	0	0
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	21	33	0	0	0	0	0	0
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13	20	0	0	0	0	0	0
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12	0	0	0	0	0	0
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0

Enclosure (F)XL*7 (P_{max} 21 W)

(F)XL*7 maximum permitted power dissipation to be built in: 21 W																
CSA [mm ²]																
Current [A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	150	240
3	201	302	403	492	492	408	212	168	140	104	0	0	0	0	N/A	N/A
6	50	75	100	151	252	403	212	168	140	104	0	0	0	0	N/A	N/A
10	N/A	N/A	N/A	36	54	90	145	212	168	140	104	0	0	0	N/A	N/A
16	N/A	N/A	N/A	N/A	21	35	56	85	141	140	104	0	0	0	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A	22	36	54	90	140	104	0	0	0	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A	N/A	23	34	58	93	104	0	0	0	N/A	N/A
35	N/A	N/A	N/A	N/A	N/A	N/A	17	29	47	74	0	0	0	0	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14	23	36	0	0	0	0	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14	22	0	0	0	0	N/A	N/A
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14	0	0	0	0	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	N/A	N/A
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	N/A	N/A
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Enclosure (F)XL*10 (P_{max} 93.4 W)

(F)XL*10 maximum permitted power dissipation to be built in: 93.4 W																	
CSA [mm ²]																	
Current [A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	150	240	
3	508	762	1016	1524	1650	1380	1060	680	426	312	312	180	164	124	N/A	N/A	
6	127	190	254	381	635	1016	1060	680	426	312	312	180	164	124	N/A	N/A	
10	N/A	N/A	N/A	91	137	228	365	548	680	426	312	312	180	164	124	N/A	
16	N/A	N/A	N/A	N/A	53	89	142	214	357	426	312	312	180	164	124	N/A	
20	N/A	N/A	N/A	N/A	N/A	57	91	137	228	365	312	312	180	164	124	N/A	
25	N/A	N/A	N/A	N/A	N/A	N/A	58	87	146	234	312	312	180	164	124	N/A	
35	N/A	N/A	N/A	N/A	N/A	N/A	44	74	119	186	261	180	164	124	N/A	N/A	
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	36	58	91	128	180	164	124	N/A	N/A	
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	36	57	80	115	161	124	N/A	N/A	
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	35	50	71	100	124	N/A	N/A	
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	32	45	64	86	N/A	N/A	
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	29	40	55	N/A	N/A	
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25	33	N/A	N/A	
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	N/A	
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Enclosure SL*2 (P_{max} 9 W)

SL*2 maximum permitted power dissipation to be built in: 9 W																	
CSA [mm ²]																	
Current[A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	150	240	
3	26	26	26	26	26	22	16	0	0	0	0	0	0	0	N/A	N/A	
6	26	26	26	26	26	22	16	0	0	0	0	0	0	0	N/A	N/A	
10	N/A	N/A	N/A	26	26	22	16	0	0	0	0	0	0	0	N/A	N/A	
16	N/A	N/A	N/A	N/A	26	22	16	0	0	0	0	0	0	0	N/A	N/A	
20	N/A	N/A	N/A	N/A	N/A	26	22	16	0	0	0	0	0	0	N/A	N/A	
25	N/A	N/A	N/A	N/A	N/A	N/A	22	16	0	0	0	0	0	0	N/A	N/A	
35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16	0	0	0	0	0	0	N/A	N/A	
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	N/A	N/A	
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	N/A	N/A	
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	N/A	N/A	
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	N/A	N/A	
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	N/A	N/A	
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A	
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Enclosure (F)XL*5 (P_{max} 29 W)

(F)XL*5 maximum permitted power dissipation to be built in: 29 W																
CSA [mm ²]																
Current [A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	150	240
3	284	288	288	288	288	240	184	148	124	92	0	0	0	0	N/A	N/A
6	71	106	142	213	288	240	184	148	124	92	0	0	0	0	N/A	N/A
10	N/A	N/A	N/A	51	76	128	204	184	148	124	92	0	0	0	N/A	N/A
16	N/A	N/A	N/A	N/A	30	50	80	120	148	124	92	0	0	0	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A	32	51	76	128	124	92	0	0	0	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A	N/A	32	49	81	124	92	0	0	0	N/A	N/A
35	N/A	N/A	N/A	N/A	N/A	N/A	25	41	66	92	0	0	0	0	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20	32	51	0	0	0	0	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20	32	0	0	0	0	N/A	N/A
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20	0	0	0	0	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	N/A	N/A
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	N/A	N/A
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Enclosure (F)XL*8 (P_{max} 30 W)

(F)XL*8 maximum permitted power dissipation to be built in: 30 W																
CSA [mm ²]																
Current [A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150
3	234	351	469	636	636	534	408	330	180	136	0	0	0	0	0	0
6	58	87	117	175	293	469	408	330	180	136	0	0	0	0	0	0
10	N/A	N/A	N/A	42	63	105	168	253	330	180	136	0	0	0	0	0
16	N/A	N/A	N/A	N/A	24	41	65	98	164	180	136	0	0	0	0	0
20	N/A	N/A	N/A	N/A	N/A	26	42	63	105	168	136	0	0	0	0	0
25	N/A	N/A	N/A	N/A	N/A	N/A	27	40	67	108	136	0	0	0	0	0
35	N/A	N/A	N/A	N/A	N/A	N/A	20	34	55	86	0	0	0	0	0	0
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16	27	42	0	0	0	0	0	0
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17	26	0	0	0	0	0	0
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16	0	0	0	0	0	0
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0

Enclosure (F)XL*11 (P_{max} 100 W)

(F)XL*11 maximum permitted power dissipation to be built in: 100 W																	
CSA [mm ²]																	
Current [A]	0.5	0.75	1	1.5	2.5												

Enclosure SL*5 (P_{max} 11 W)

SL*5 maximum permitted power dissipation to be built in: 11 W																
CSA [mm ²]																
Current [A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	150	240
3	46	46	46	46	46	38	30	0	0	0	0	0	0	0	N/A	N/A
6	46	46	46	46	46	38	30	0	0	0	0	0	0	0	N/A	N/A
10	N/A	N/A	46	46	46	38	30	0	0	0	0	0	0	0	N/A	N/A
16	N/A	N/A	N/A	27	46	38	30	0	0	0	0	0	0	0	N/A	N/A
20	N/A	N/A	N/A	N/A	29	38	30	0	0	0	0	0	0	0	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A	30	30	0	0	0	0	0	0	0	N/A	N/A
35	N/A	N/A	N/A	N/A	N/A	N/A	23	0	0	0	0	0	0	0	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	N/A	N/A
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	N/A	N/A
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	N/A	N/A
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Enclosure SL*6 (P_{max} 13 W)

SL*6 maximum permitted power dissipation to be built in: 13 W																
CSA [mm ²]																
Current [A]	0.5	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	150	240
3	46	46	46	46	46	38	30	0	0	0	0	0	0	0	N/A	N/A
6	46	46	46	46	46	38	30	0	0	0	0	0	0	0	N/A	N/A
10	N/A	N/A	46	46	46	38	30	0	0	0	0	0	0	0	N/A	N/A
16	N/A	N/A	N/A	29	46	38	30	0	0	0	0	0	0	0	N/A	N/A
20	N/A	N/A	N/A	N/A	31	38	30	0	0	0	0	0	0	0	N/A	N/A
25	N/A	N/A	N/A	N/A	N/A	32	30	0	0	0	0	0	0	0	N/A	N/A
35	N/A	N/A	N/A	N/A	N/A	N/A	24	0	0	0	0	0	0	0	N/A	N/A
50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	N/A	N/A
63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	N/A	N/A
80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	N/A	N/A
100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	N/A	N/A
125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	N/A	N/A
160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	N/A	N/A
200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	N/A
250	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Type Code

Enclosure Type	
FXL	Metal enclosure with return flange
XL	Metal enclosure
SL	Metal enclosure
Material	
M	Mild steel
S	Stainless steel
Enclosure Size	
nn	Enclosure size from standard range
Type of Explosion Protection	
0	non-Ex application
1	Ex e, Ex tb
3	Ex ia, Ex tb
5	Ex ia / Ex e, Ex tb
Gland Plate at Face(s)	
0	None
1	Face B
2	Faces A, B
3	Faces B, C, D
4	Faces A, B, C, D
	SL versions: no gland plates available
Enclosure Depth	
nn	Enclosure depth from standard range
Type of Solution	
T	Terminal box
Variant Number	
Cxxxxxx	Configured variants
Yxxxxxx	Engineered variants
Example:	
FXL	S 2 1 1 D .T -C123456
Terminal box stainless steel with return flange, size 2, certified Ex e and Ex tb, gland plate on face B (bottom), enclosure depth D, configured variant	