



FA100S



FA100RB



FA100DS

Circuit Breaker Enclosures

F- and L-Frame Thermal-Magnetic Circuit Breaker Enclosures

The enclosures for the F- and L-Frame thermal-magnetic circuit breakers are UL listed and CSA certified. The enclosures are suitable for service entrance equipment when neutral assembly is installed. The short circuit ratings of these enclosed circuit breakers are equal to the interrupter rating, at the supply voltage marked on the circuit breaker installed.

F-Frame Thermal-Magnetic Circuit Breaker Enclosures

The FA100RB enclosure has a provision of 3/4 through 2 1/2 inch B-Type bolt-on hubs in the top end wall. For details and hub catalog numbers see page 3-10.

Table 7.155: F-Frame Thermal-Magnetic Circuit Breaker Enclosures

Circuit Breaker			Cat. No.				
Cat. No. Prefix	Rating	Poles	Enclosure			Neutral Assembly Kit	Service Ground Kit
			NEMA 1 Flush	NEMA 1 Surface	NEMA 3R		
FAL, FHL, FCL	15–100 A	1, 2, 3	FA100F	FA100S	FA100RB	SN100FA	PKOGTA2
			NEMA 4, 4X, 5 [1] Type 304 Stainless Steel [2]	NEMA 12K With Knockouts	NEMA 12/3R Without Knockouts [2]		
FAL, FHL, FCL	15–100 A	1, 2, 3	FA100DS	FA100A	FA100AWK	SN100FA	PKOGTA2

L-Frame Thermal-Magnetic Circuit Breaker Enclosures

The LA400R enclosure has a blank top end wall and requires field cut openings. For details and hub catalog numbers see page 3-10.

Table 7.156: L-Frame Thermal-Magnetic Circuit Breaker Enclosures

Circuit Breaker			Enclosure			Neutral Assembly Kit	Service Ground Kit
Cat. No. Prefix	Rating	Poles	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
			NEMA 1 Flush	NEMA 1 Surface	NEMA 3R		
LAL, LHL, Q4L	125–225 A 225–400 A	2, 3	LA400F	LA400S	LA400R	SN225KA 400SN	PKOGTA2
LAL	125–400	3	—	LA400LS [3] [4]	—	SN400LA	
			NEMA 4, 4X, 5 [1] Type 304 Stainless Steel [2]	NEMA 12K With Knockouts	NEMA 12/3R Without Knockouts [2]		
LAL, LHL, Q4L	125–225 A 225–400 A	2, 3	LA400DS	—	LA400AWK	SN225KA SN400LA	PKOGTA2

[1] Complete rating is NEMA 3, 3R, 4, 4X, 5, and 12.
 [2] For NEMA 3R applications, remove drain screw from bottom endwall.
 [3] Use copper conductors only.
 [4] Maximum short circuit and voltage is 30 kAIR at 480 Vac.

Enclosure Dimensions

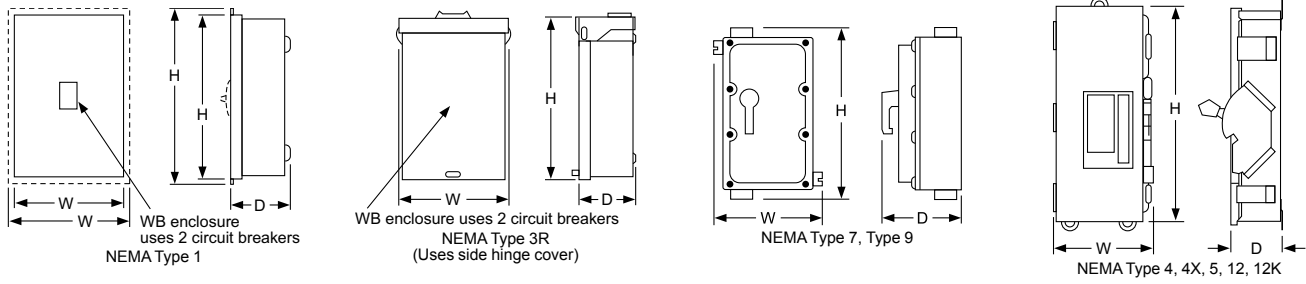


Table 7.166: Dimensions

Cat. No.	Series	Approximate Dimension					
		H		W		D	
		in.	mm	in.	mm	in.	mm
FA100A, AWK	E05	19.50	495	9.13	232	4.88	124
FA100DS	E05	19.50	495	9.13	232	4.88	124
FA100F	E2	19.50	495	9.88	251	4.13	105
FA100RB	E2	18.00	457	8.88	226	4.88	124
FA100S	E2	18.13	461	8.63	219	4.13	105
FA060X	E1	16.00	406	9.88	251	7.00	178
FA060Y	E1	16.00	406	9.88	251	7.00	178
FA100X	E1	16.00	406	9.88	251	7.00	178
FA100Y	E1	16.00	406	9.88	251	7.00	178
HD100S	A01	17.00	431.8	7.90	200.7	4.75	120.7
H150F	A01	32.40	823	15.40	391	6.00	152
H150R	A01	31.05	789	14.47	368	6.28	160
H150S	A01	31.36	797	14.36	365	6.00	152
J250F	A01	32.40	823	15.40	391	6.00	152
J250R	A01	31.05	789	14.47	368	6.28	160
J250S	A01	31.36	797	14.36	365	6.00	152
J250DS	A01	32.26	819	9.72	247	7.94	202
J250SS	A01	32.26	819	9.72	247	7.94	202
J250AWK	A01	32.26	819	9.72	247	7.94	202
JD250S	A01	26.40	670.6	8.90	226.1	5.50	139.7
J225X	A01	22.70	577	10.93	278	7.70	196
J225Y	A01	22.70	577	10.93	278	7.70	196
KA250SWB	E2	20.00	508	19.00	483	5.63	143
KA250RWB	E2	20.25	514	19.00	483	7.12	181
L600AWK	A01	57.50	1461	20.38	518	8.25	210
L600AWKVW	A01	57.50	1461	20.38	518	8.25	210
L600AWKMC	A01	57.50	1461	20.38	518	8.25	210
L1200S	A01	51.88	1318	20.25	514	7.75	197
LA400AWK	E05	42.25	1073	13.75	349	7.25	184
LA400DS	E05	42.25	1073	13.75	349	7.25	184
LA400F	E03	45.63	1159	16.50	419	6.50	165
LA400R	E03	44.00	1118	15.38	391	7.88	200
LA400S	E03	44.50	1130	15.38	391	6.50	165
LA400LS	A01	27.40	696.0	15.40	391.2	6.625	168.3
M800S	A01	40-3/8	1025.52	21	533.4	9-3/4	247.65
M800R	A01	40-3/8	1025.52	21	533.4	9-3/4	247.65
M800DS	A01	40-7/8	1036.96	20-3/4	527.05	9-1/2	241.3
M800SS	A01	40-7/8	1036.96	20-3/4	527.05	9-1/2	241.3
M800AWK	A01	40-7/8	1036.96	20-3/4	527.05	9-1/2	241.3
P1200S	A01	52-1/8	1323.98	21	533.4	9-3/4	247.65
P1200R	A01	52-1/8	1323.98	21	533.4	9-3/4	247.65
P1200AWK	A01	53	1346.20	20-3/4	527.05	9-1/2	241.3
Q22200NRB	E05	23.38	594	7.63	194	4.75	121
Q22200NS	E05	23.13	588	7.63	194	4.25	108
Q23225NF	E05	26.25	667	9.88	251	4.75	121
Q23225NRB	E05	26.25	667	9.88	251	5.50	140
Q23225NS	E05	26.25	667	9.88	251	4.75	121