

Enclosures

Enclosure Description

Type 1 General Purpose

- Surface or Flush Mounting
- 15-1200 Ampere Range
- 600 Volts Ac, 500 Volts Dc

Type 1 enclosed breakers are designed for use in commercial buildings, apartment buildings and other areas where a general purpose enclosure is applicable. The breaker is front operable and is capable of being padlocked in either the On or Off position. Ratings through 1200 amperes are listed with CSA and Underwriters Laboratories, Inc. as approved for service entrance application. Both surface and flush mounted enclosures are available.

Type 3R Rainproof Surface Mounting

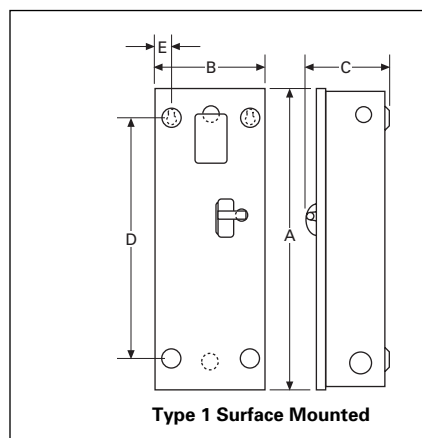
- Interchangeable Hubs (Through 400 Amperes)
- 15-1200 Ampere Range
- 600 Volts Ac, 500 Volts Dc

This general purpose outdoor service center employs a circuit breaker inside a weatherproof sheet steel breaker enclosure to serve as a main disconnect and protective device for feeder circuits. Ratings through 1200 amperes are listed by CSA and Underwriters Laboratories, Inc. as suitable for service entrance application.

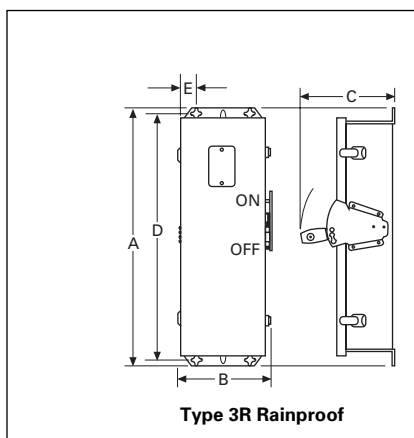
Type 12 Dustproof Surface Mounting

- No Knockouts or Other Openings
- 15-1200 Ampere Range
- 600 Volts Ac, 500 Volts Dc

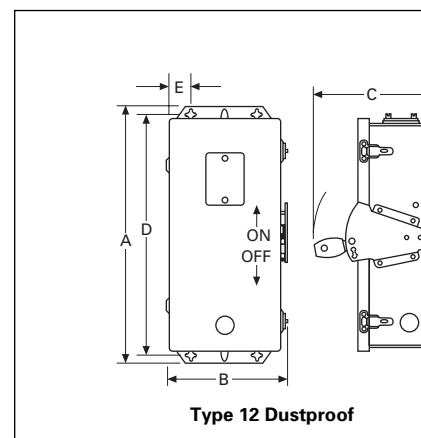
The Type 12 enclosure is designed in line with specifications for special industry application where unusually severe conditions involving oil, coolant, dust and other foreign materials exist in the operating atmosphere. The handle padlocks in the Off position and the cover is interlocked with the handle mechanism to prevent opening the cover with the circuit breaker in the On position. Ratings through 1200 amperes are listed by CSA and U.L., Inc. as suitable for service entrance application.



Type 1 Surface Mounted



Type 3R Rainproof



Type 12 Dustproof

Enclosure Selection Data

Breaker Frame (Amperes)	Enclosure Type Class	Dimensions										App. Wt. Lbs.	Conduit Sizes, Inches	Catalogue Number
		A		B		C		D		E				
		Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm			
FG 15-225	Type 1	23.25	591	8.41	214	6.28	160	18.75	476	1.20	31	15	.25, .50, .75, 1, 1.25, 1.50, 2, 2.50 .25, .50, .75, 1, 1.25, 1.50, 2, 2.50	SFDN225
	Type 3R	25.66	652	8.84	225	9.31	237	24.28	617	1.70	43	19		RFDN225
	Type 12	25.66	652	8.84	226	9.31	238	24.28	618	1.70	43	18		JFDN225
JG 175-250	Type 1	34.70	881	10.92	227	7.20	183	30.00	762	1.88	48	31	.25, .50, 2, 2.50, 3 .25, .50, 2, 2.50, 3	SJDN250
	Type 3R	37.50	891	11.56	294	10.22	260	35.77	909	1.94	49	40		RJDN250
	Type 12	37.53	953	11.56	294	10.22	260	35.77	909	1.94	49	37		JJDN250
KG 300-400	Type 1	38.81	986	11.06	281	10.94	278	34.00	869	2.28	58	53	.25, .50, .75, 1.50, 2, 2.50, 3, 3.50 .25, .50, .75, 2.50, 3, 3.50	SKDN400
	Type 3R	41.69	997	11.75	298	14.06	357	39.90	1014	1.97	50	60		RKDN400
	Type 12	41.69	997	11.75	298	14.06	357	39.90	1015	1.97	50	53		JKDN400
LG 450-600	Type 1	45.88	1165	14.31	364	12.38	314	46.56	1183	1.91	48	81	.25, .50, .75, 3, 3.50, 4 .25, .50, .75, 3, 3.50, 4	SLDN600
	Type 3R	48.31	1227	14.91	379	15.50	394	46.56	1183	1.92	49	84		RLDN600
	Type 12	48.31	1227	14.91	379	15.50	394	46.56	1183	1.92	49	81		JLDN600
NG 700-1200	Type 1	61.22	1555	21.44	545	15.41	391	61.84	1571	1.97	50	178		SNDN1200
	Type 3R	63.59	1615	22.00	559	17.63	448	61.84	1571	1.97	50	175		RNDN1200
	Type 12	63.59	1615	22.00	559	17.63	448	61.84	1571	1.97	50	170		JNDN1200

Accessories

Standard Terminals

Breaker Frame	Maximum Ampere Rating	AWG Wire Range	Metric Wire Range mm ²	Catalogue Number
FG	100	#14-1/0	2.5 -50	3T100FB ^①
FG	150	#4-4/0	25 -95	3TA225FD ^①
JG	250	#4-350 kcmil	25 -185	TA250KB
KG	350	250-500 kcmil	120 -240	TA350K
KG	400	3/0-250 kcmil (2)	95 -120	3TA400K ^①
LG	600	250-500 kcmil (2)	120 -240	3TA603LDK ^①
NG	700	1-500 kcmil (2)	50 -300	TA700NB1
NG	1000	3/0-400 kcmil (3)	95 -185	TA1000NB1
NG	1200	4/0-500 kcmil (4)	120 -300	TA1200NB1

Internal Accessories

Breaker Frame	Auxiliary Switch		Shunt Trip	
	1A-1B Catalogue Number	2A-2B Catalogue Number	Rating	Catalogue Number
FG	A1X1PK	A2X1PK	12-24 Vdc	SNT1LP03K
JG	A1X2PK	A2X2PK	12-24 Vdc	SNT2P04K
KG	A1X3PK	A2X3PK	12-24 Vdc	SNT3P04K
LG	A1X4PK	A2X4PK	12-24 Vdc	SNT4LP03K
NG	A1X5RPK	A2X5RPK	12-24 Vdc	SNT5LP03K

Neutral Kits, Insulated and Groundable

Maximum Enclosure Rating (Amperes)	Catalogue Number	Main Lug Number Size Cu/Al	# of Lugs	Ground Lug Size Cu/Al	# of Lugs
100	N100	(1) #14 - 1/0	2	(1) #14 - #4	2
250	N250	(1) #6 - 350MCM	2	(1) #14 - 1/0	2
400	N400	(2) 3/0 - 250MCM	2	(1) #6 - 300MCM	2
600	N600	(2) #1 - 500MCM	2	(1) #6 - 250MCM	3
1200	N1200	(4) #2 - 600MCM	2	(1) #6 - 250MCM	3

^① Package of 3 terminals.