

Table 1.45 HOMT Tandem Circuit Breakers (cont'd.)

Ampere Rating [6]	AIR	1P Tandem—120/240 Vac (One Space Required)
20 and 20 A	10 kA	HOMT2020 [8]
30 and 15 A	10 kA	HOMT3015 [8]
30 and 20 A	10 kA	HOMT3020 [8]

Table 1.46: HOMT Quad Tandem Circuit Breakers

Ampere Rating [6]		AIR	2P Tandem—120/240 Vac (Two Spaces Required)
1P	2P		
(2) 15 A	15 A	10 kA	HOMT1515215 [8]
(2) 15 A	20 A	10 kA	HOMT1515220 [8]
(2) 15 A	25 A	10 kA	HOMT1515225 [8]
(2) 15 A	30 A	10 kA	HOMT1515230 [8]
(2) 15 A	40 A	10 kA	HOMT1515240 [8]
(2) 15 A	50 A	10 kA	HOMT1515250 [8]
(2) 20 A	20 A	10 kA	HOMT2020220 [8]
(2) 20 A	25 A	10 kA	HOMT2020225 [8]
(2) 20 A	30 A	10 kA	HOMT2020230 [8]
(2) 20 A	40 A	10 kA	HOMT2020240 [8]
(2) 20 A	50 A	10 kA	HOMT2020250 [8]

NOTE: Typical catalog number (e.g. HOMT 1515230) represents two 1P, outer poles (two 15 A 1P CBs) and one 2P inner circuit breaker with common trip (one 30 A 2P CB).

Homeline Circuit Breaker Wire Sizes

Table 1.47: Circuit Breaker Wire Sizes

Breaker Type	Ampere Rating	Wire Size (AWG/kcmil) [9]	
		Aluminum	Copper
HOM 1P	15–30 A	14–8 AWG	14–8 AWG or (2) 14–10 AWG
	40–50 A	8–2 AWG	8–2 AWG
HOM 2P	15–30 A	14–8 AWG	14–8 AWG or (2) 14–10 AWG
	35–70 A	8–2 AWG	8–2 AWG
	80–125 A	4–2/0 AWG	4–2/0 AWG
	150–200 A	4 AWG–300 kcmil	4 AWG–300 kcmil
HOMT and Quad	15–30 A	14–8 AWG	14–8 AWG
Quad Only	40–50 A	6–12 AWG	6–14 AWG
HOM-GFI - 1P	15–20 A	14–10 AWG	14–10 AWG
HOM-GFI - 2P	15–50 A	12–4 AWG	14–6 AWG

Accessories for Homeline Circuit Breakers

Table 1.48: Accessories

Description	Cat. No.
Handle Attachments	
Handle Tie: Converts any two adjacent 120/240 Vac single HOM circuit breakers to independent trip 2P	HOM1HT
Handle Tie: Converts any two adjacent 120/240 Vac 1P side-by-side HOMT circuit breakers to independent trip 2P	HOMTHT
Handle Clamp: Clamp for holding HOM 1P handle in the ON or OFF position	QO1LO
Handle Blocking Device: Attaches to standard HOM 2P circuit breakers for holding the handle in the OFF position	HOM2HBD
Handle Padlock Attachment: For padlocking 1P Standard HOM breakers in the ON or OFF position	HOM1PA
Handle Padlock Attachment: For padlocking 2P Standard HOM circuit breakers in ON or OFF position	15–70 A HOM2PALA
	80–125 A HOM2PAHA
	150–200 A HOM2PAVHA
Handle Padlock Attachment: For padlocking 1P CAFI, DF, GFI, and EPD HOM breakers in ON or OFF position	HOMELEC1PA
Handle Padlock Attachment: For padlocking 2P CAFI, GFI, and EPD HOM breakers in ON or OFF position	HOMELEC2PALA
Handle Padlock Attachment: For padlocking center poles of Homeline Quad breakers in the OFF position	HOMQPA
Handle Padlock Attachment: For padlocking main circuit breakers in convertible load center in OFF position	50–125 A QOM1PA [10]
	100–225 A QOM2PA [10]
Sub-Feed Lugs	
125 A 2P plug-on—2 spaces required	HOML2125
225 A 2P plug-on—4 spaces required	HOML2225 [11]

[6] 15–20 A tandem or quad tandem circuit breakers are suitable for use with 60°C or 75°C conductors. 25–50 A tandem or quad tandem circuit breakers are suitable for use with 75°C conductors only.

[8] UL Listed as HACR type for use with air conditioning, heating and refrigeration equipment having motor group combinations and marked for use with HACR type circuit breakers.

[9] 15–30 A circuit breakers are suitable for use with 60°C or 75°C conductors. 40–125 A circuit breakers are suitable for use with 75°C conductors.

[10] 50–125 A QOM1 frame size; 100–225 A QOM2 frame size.

[11] Requires four spaces (1 AWG–300 kcmil Al/Cu). Use only in 1Ø panel rated 150 A or greater.



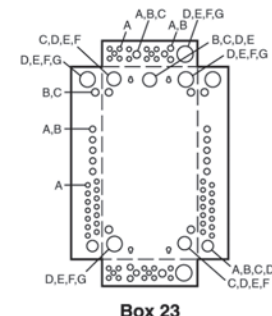
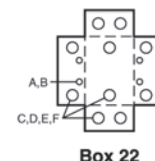
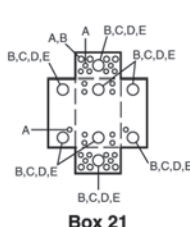
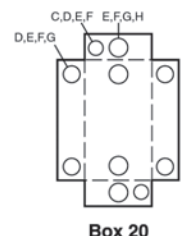
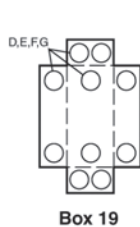
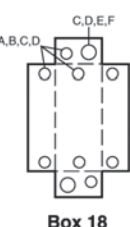
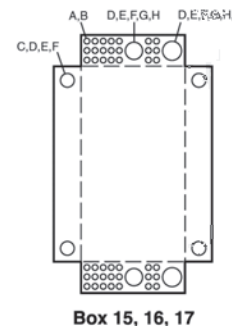
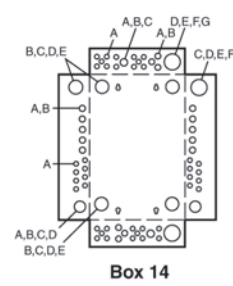
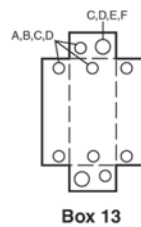
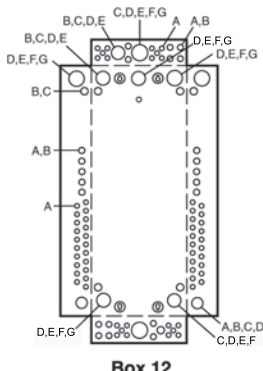
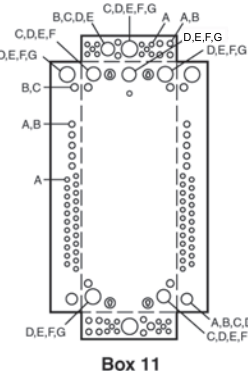
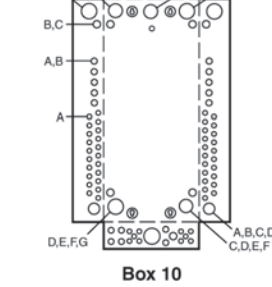
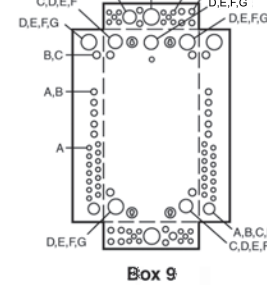
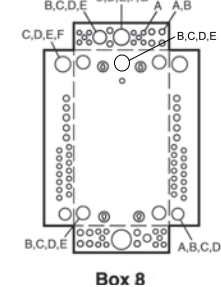
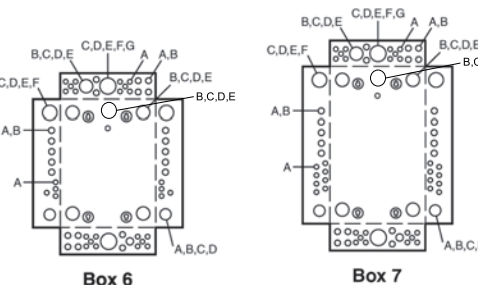
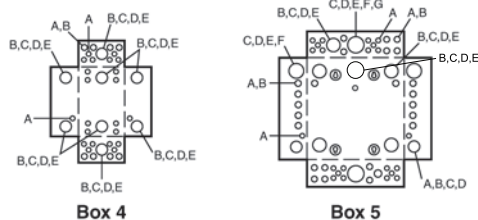
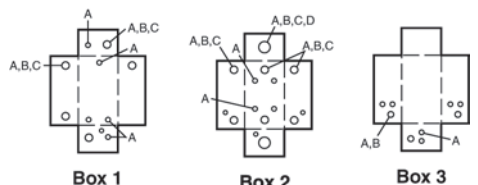
Indoor Knockout Information and Enclosure Dimensions

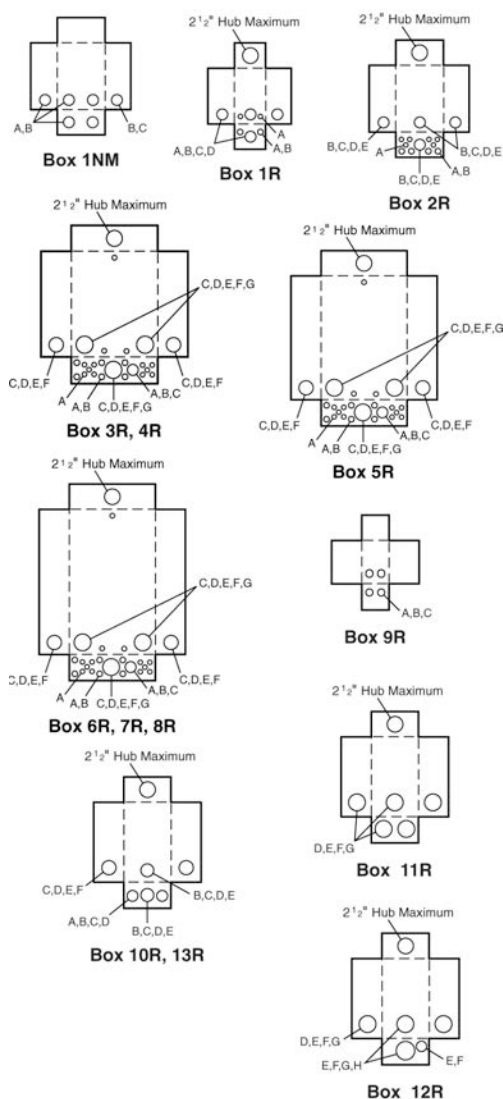
Table 1.52: Enclosure Dimensions

Box No.	Dimensions						Box No.	Dimensions					
	W	mm	H	mm	D	mm		W	mm	H	mm	D	mm
1	3.81	97	6.72	171	3.00	76	13	5.88	149	13.12	333	3.38	86
2	4.81	122	9.30	236	3.19	81	14	14.25	362	20.92	531	3.75	95
3	4.81	122	9.30	236	3.19	81	15	20.00	508	50.00	1270	5.75	146
4	8.88	226	12.57	319	3.80	97	16	20.00	508	62.00	1727	5.75	146
5	14.25	362	14.92	379	3.75	95	17	20.00	508	53.00	1346	5.75	146
6	14.25	362	17.92	455	3.75	95	18	5.88	149	16.12	409	3.38	86
7	14.25	362	20.92	531	3.75	95	19	7.56	192	23.12	587	4.25	108
8	14.25	362	26.04	661	3.75	95	20	9.62	244	26.12	663	4.75	121
9	14.25	362	29.86	758	3.75	95	21	8.88	226	14.80	376	3.80	97
10	14.25	362	33.78	858	3.75	95	22	8.55	217	23.92	608	3.95	100
11	14.25	362	37.98	965	3.75	95	23	14.25	362	29.86	758	3.75	95
12	14.25	362	39.37	1000	3.75	95	24	14.25	362	43.15	1096	3.75	95
							25	14.25	362	48.50	1235	3.75	95

Table 1.53: Knockout Information

Symbol	Knockouts								
	A	B	C	D	E	F	G	H	I
Conduit Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2





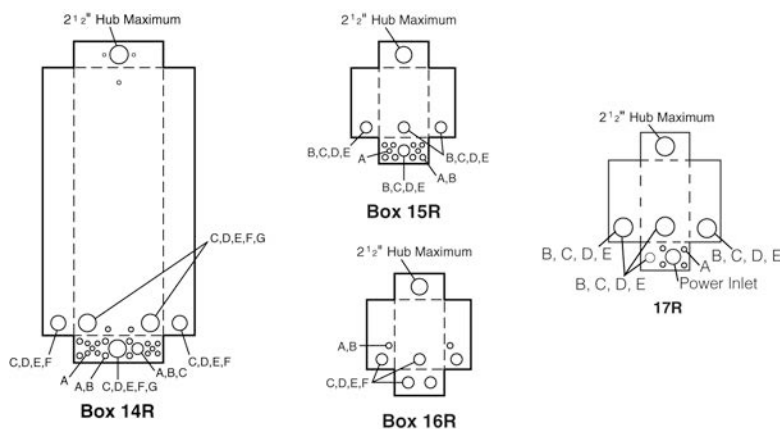
Enclosure Dimensions and Knockout Information

Table 1.54: Enclosure Dimensions

Box No.	Dimensions					
	W		H		D	
	in.	mm	in.	mm	in.	mm
1NM	6.52	166	8.79	223	3.90	99
1R [1]	4.88	124	9.38	238	4.00	102
2R	8.88	226	12.65	321	4.27	108
3R	14.75	375	18.92	481	4.52	115
4R	14.75	375	22.06	560	4.52	115
5R	14.75	375	26.04	661	4.52	115
6R	14.75	375	29.86	758	4.52	115
7R	14.75	375	33.78	858	4.52	115
8R	14.75	375	37.98	965	4.52	115
9R	4.56	116	6.50	165	3.88	99
10R	6.92	176	13.18	335	4.12	105
11R	7.56	192	23.24	590	4.75	121
12R	9.62	244	26.24	666	5.50	140
13R	6.92	176	16.18	411	4.12	105
14R	14.75	375	39.37	1000	4.52	115
15R	8.88	226	14.80	376	4.27	108
16R	8.55	217	24.75	629	4.16	106
17R	8.88	226	12.65	321	4.27	108

Table 1.55: Knockout Information

Symbol	Knockouts							
	A	B	C	D	E	F	G	H
Conduit Size	1/2 in.	3/4 in.	1 in.	1-1/4 in.	1-1/2 in.	2 in.	2-1/2 in.	3 in.



Bolt-On Hubs

Square D equipment with "R" or "RB" suffix, designated NEMA 3R rainproof construction, utilizes bolt-on hubs listed below. "RB" devices will accept 3/4 in. through 2-1/2 in. bolt-on hubs without the use of reducers. Off-center conduit thread openings and elongated mounting holes provide quick and easy adjustment to eliminate costly conduit offsets and bends. Catalog suffix "R" devices require 3 in. through 4 in. field cut opening. Hubs are suitable for use with conduit having ANSI standard taper pipe thread.

Table 1.56: Bolt-On Hubs UL Listed for "RB" Devices

Conduit Size	3/4 in.	1 in.	1-1/4 in.	1-1/2 in.	2 in.	2-1/2 in.
Hub Cat. No.	B075	B100	B125	B150	B200	B250

NOTE: Closing cap (Cat. No. BCAP) is provided factory-installed on each device having "RB" suffix.

Table 1.57: Bolt-On Hubs UL Listed for Mounting in Field-Cut Opening

Conduit Size	3 in.	3-1/2 in.	4 in.	
Hub Cat. No.	B300	B350	B400	Designed for mounting in field cut opening. Includes gasket and four mounting bolts and nuts.



[1] HOME250SPA and QO260NATR top endwall has no hub opening.