

Loadcenter Options and Accessories

TABLE 2-68. FIELD INSTALLATION KITS AND PARTS

Number of Poles	Ampere Rating	No. of 1-Inch (25.4 mm) Spaces Needed	Wire Size Range Cu/Al 60°C or 75°C	Ordering Qty. ①	Catalog Number	UPC Code
Main and Sub-Feed Lug Blocks						
2	125	4	#8 – 2/0	1	BRSF125	786676001762
	150	4	#8 – 2/0	1	BRSF150	786676001779
	225	4	#2 – 300 kcmil	1	BRS225	786676461405
3	150	6	#8 – 2/0	1	3BRSF150	786676001786
	225	6	#2 – 300 kcmil	1	3BRS225	786676461504
Main Lugs — 2-Pole, 200 Ampere Stud Mounted (Includes Deadfront Filler Plate)				1	BRL200	786676460101
Neutral/Ground Lug				1	NL20	782113099156
Add-On Neutral or Ground Lug				1	NL30	782113099163
				1	NL300	782113099170
Filler Plates: 1-Inch (25.4 mm) Circuit Breaker Space				25	BRFP	786676461603
BW Main Circuit Breaker Space (with Hardware)				1	BWFP	782114127384
Door Lock — 12 through 42 Circuits, and 100 through 225 Amperes				1	TDL	782113099040
Door Lock — 4 through 8 Circuits, 125 Amperes				1	CH9FL	782113101224
ANSI-61 Light Gray Touchup Paint for Current Loadcenters				1	SPC61	782113098777
Isolated Neutral Assembly (Computer Circuits)				1	BINA	782113099439
Circuit Directory — Adhesive Backed				10	TCD	782113099019
Cover Screws				25	LCCS	782113099583
Cover Replacement Latch (Gray) 14.31 (363.5 mm) Wide — Loadcenters Only				1	BRRL	786676461757
Circuit Marking Strip (Next to Breaker)				10	BRMS	786676101509
Circuit Identification Label (Preprinted Breaker Labels)				25	CHBL	782113099712
Series Rated Caution Label				25	SRL	782113099002
Bonding Strip with Screw				1	BSSUSE	782114127339

① Must be purchased in multiples of ordering quantities indicated.

TABLE 2-69. FIELD INSTALLATION RAINPROOF CONDUIT HUBS ②

Description	Conduit Size Inches (mm)	Catalog Number	UPC Code
Group 1 — For use with 70, 100 and 125 Ampere MLO and MCB Loadcenters and Circuit Breaker Enclosures and the following 150 and 200 Ampere Panels: BR816B150RF, BR816B200RF	0.75 (19.1)	DS075H1P	786676805001
	1.00 (25.4)	DS100H1P	786676805056
	1.25 (31.8)	DS125H1P	786676805100
	1.50 (38.1)	DS150H1P	786676805155
	2.00 (50.8)	DS200H1P	786676805209
Group 2 — For use with 150, 200 and 225 Ampere MLO and MCB Loadcenters and Circuit Breaker Enclosures except for the following 200 Ampere Loadcenters: BR48B200RF	2.00 (50.8)	DS200H2P	786676462068
	2.50 (63.5)	DS250H2P	786676000505
	3.00 (76.2)	DS300H2P	786676000529
Type R1H Conduit Hubs for 400 and 600 Ampere Loadcenters and New York City Loadcenters	2.00 (50.8)	R1H200	786676201254
	2.50 (63.5)	R1H250	786676201261
	3.00 (76.2)	R1H300	786676201278
Type H Conduit Hubs for Loadcenters PL0724R and S3100RN	0.75 (19.1)	RH75P	786676213257
	1.00 (25.4)	RH100P	786676213356
	1.25 (31.8)	RH125P	786676213455
	1.50 (38.1)	RH150P	786676213554
	2.00 (50.8)	RH200P	786676213653
Adapter Kit — Allows Installing a Group 1 Hub on Devices Arranged for Group 2 Hubs	—	DS900AP	782113099422
Group 1 Small Blank Hub Plate with Bump	—	DS900CP1	782114014394
Group 2 Large Blank Hub Plate with Bump	—	DS900CP2	782114014400

② Ordering quantity [for all catalog numbers is one. Must be purchased in multiples.

TABLE 2-70. CLAMSHELL ACCESSORIES

Description	Catalog Number	UPC Code	Description	Catalog Number	UPC Code
Field Installation Kits and Parts			Rainproof Conduit Hubs		
Main or Sub-Feed Lug Block	BRSF125CS	782114793176	Type 1 Hub	DS075H1CS	782114793275
Filler Plates	BRFP	782114793121	Type 1 Hub	DS100H1CS	782114793282
Cover Screws	LCCS	782114793428	Type 1 Hub	DS125H1CS	782114793299
Circuit Identification Labels	CHBLCS	782114793206	Type 1 Hub	DS150H1CS	782114793305
—	—	—	Type 2 Hub	DS200H2CS	782114793312



BRSF125



3BRS225



BRL200



TDL










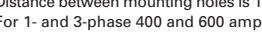
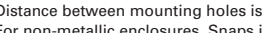


DS300H2

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Loadcenters

Loadcenter Options and Accessories

TABLE 2-71. GROUND BAR KITS

Description (See Legend)	Length Inches (mm)	Ordering Quantity	Catalog Number	UPC Code
	2.54 (64.5)	1	GBK5P ①	786676460804
	3.59 (91.2)	1	GBK520 ①	782114014356
	4.29 (109.0)	1	GBK10P ①	782114462058
	5.34 (135.6)	1	GBK1020 ①	782114014554
	4.61 (117.1)	1	GBK13 ①	782114220610
	5.69 (144.5)	1	GBK14P ①	786676461153
	6.74 (171.2)	1	GBK1420 ①	782113099576
	8.14 (206.8)	1	GBK21P ①	786676461252
	9.19 (233.4)	1	GBK2120 ①	782113099552
	5.78 (146.8)	1	BRGBK39512 ②③	786676449359
	1.84 (46.7)	1	GB4NMP ④	786676378031

- ① Distance between mounting holes is 1.75 inches (44.5 mm).
- ② For 1- and 3-phase 400 and 600 ampere applications.
- ③ Distance between mounting holes is 2.34 inches (59.5 mm).
- ④ For non-metallic enclosures. Snaps into molded base.

Ground Bar Legend

- (3) #14 – #10 Cu/Al or (1) #14 – #4 Cu/Al
- (1) #6 – 2/0 Cu/Al
- ▣ (1) #14 – #6 Cu/Al or (2) #14 – #12 Cu/Al
- ▢ (1) 1/8 – 14 or (3) #10 – 12 Cu/Al
- ◐ (1) #14 – 1/0 Cu/Al or (3) #14 – #10 Cu/Al
- ◑ (1) #6 – 14 Cu/Al or (2) #1/0 – 14 Cu/Al
- Mounting Hole

TABLE 2-72. CLAMSHELL ACCESSORIES

Description	Catalog Number	UPC Code
Ground Bar Kit	GBK5CS	782114793411
Ground Bar Kit	GBK520CS	782114793404
Ground Bar Kit	GBK10CS	782114793343
Ground Bar Kit	GBK1020CS	782114793336
Ground Bar Kit	GBK13CS	782114793350
Ground Bar Kit	GBK14CS	782114793374
Ground Bar Kit	GBK21CS	782114793398



GBK14



BRGBK39512

Circuit Breaker Accessories



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Table 3-124. Field Installation Kits and Parts

Description	Ordering Quantity ①	Catalog Number	Price U.S. \$ Each
Handle Ties ② Handle tie bar for physically joining the handles of two adjacent 1-pole Type BR Circuit Breakers. (Metal Cylinder Pin Type)	10	BHT	
Handle tie bar for joining two independent outside poles of Types BQ and BQC Quadplex and outside poles of two Type BD Duplex Circuit Breakers.	10	THOW	
Handle tie bar for joining two adjacent outside poles of Types BQ and BQC Quadplex and outside poles of two Type BD Duplex Circuit Breakers.	10	THS1	
Handle Lockoffs ③④ Padlockable device for locking the handle of 1-, 2- or 3-pole Type BR Circuit Breakers and 1-pole of a Type BD Duplex or one independent outside pole of a Type BQ or BQC Quadplex Circuit Breakers. (Escutcheon Mounted) ⑤	10	BRLW	
Padlockable device for locking the handle of a 1-pole Type BR Circuit Breaker. (Handle Mounted) ⑥	10	BRLW1	
Padlockable device for locking the handle of a 2- and 3-pole Type BR Circuit Breaker. (Handle Mounted) ⑥	10	BRLW2	
Padlockable device for locking the handle of a 1-pole Type BD Duplex, BQ or BQC Quadplex Breaker. (Handle Mounted) ⑥	10	BRDL1	
Padlockable device for locking the handle of the two center poles and the two outer poles of a 2-pole Types BQ and BQC Quadplex Circuit Breakers. (Escutcheon Mounted) ⑤	10	BRQLW	
Padlockable device for locking the handle of main circuit breaker Types CC and CHH into the ON or OFF position. (Screw Mounted) ⑦	1	CCPL	
Padlockable device for locking the handle of main breaker Types BW and BWH into the ON or OFF position. (Escutcheon Mounted) ⑤	1	MCBPL	
Handle Lockdogs ④⑧ Device used to secure handle in ON or OFF position for 1-, 2- or 3-pole Type BR Circuit Breakers and 1-pole of Type BD Duplex and one independent outside pole of Type BQ or BQC Quadplex Circuit Breakers. (Escutcheon Mounted) ⑤	10	BHLW	
Device used to secure handle in ON or OFF position for 1-pole Type BR Circuit Breakers. (Handle Mounted) ⑥	10	BHLW1	
Device used to secure handle in ON or OFF position for 2- and 3-pole Type BR Circuit Breakers. (Handle Mounted) ⑥	10	BHLW2	
Device used to secure handle in ON or OFF position for 1-pole Type GFCE Ground Fault Circuit Breakers. (Handle Mounted) ⑥	10	BHGW	
Device used to secure handle in ON or OFF position for one independent outside pole of Types BQ and BQC Quadplex or 1-pole Type BD Duplex Circuit Breakers. (Handle Mounted) ⑥	10	HLW1	
Hold-Down Kits ⑨ Hold-down retainer kit for 3-pole Type BR Circuit Breakers in S3100 and 3100R Loadcenters only.	1	BRHDB	
Hold-down screw kit for 2-pole Type BR Circuit Breakers in 1-phase MLO Loadcenters through 125 amperes.	1	BREQS125	
Hold-down screw kit for 2-pole Type BR Circuit Breakers in MLO Loadcenters 150 through 225 amperes (1-phase only).	1	BRHDK125	
Hold-down screw kit for 2-pole Types BJ and BJH Circuit Breakers in MLO Loadcenters 125 through 225 amperes.	1	BJHDS	
Hold-down screw kit for 3-pole Types BJ and BJH Circuit Breakers in MLO Loadcenters 125 through 225 amperes.	1	BJHDS3P	
Main Breaker Lug Kits Types CC and CHH Main Breaker Lug Kit (2) 300 kcmil.	1	CCL300	
Types BW/BWH Main Breaker Lug Kit (2) 300 kcmil.	1	MCBL300	
Mechanical Interlocks Types BR for 2-, 3- and 4-pole breakers.	10	BRML	

① Must be purchased in multiples of ordering quantities indicated.
 ② Handle Ties: Typically used to join two similar independent single-pole breakers to form a 2-pole noncommon trip breaker.
 ③ Handle Lockoffs: Devices that use a padlock to lock the circuit breaker's handle in the "On" or "Off" position.
 ④ See Table 3-126 for Handle Position Changeability Chart.
 ⑤ Escutcheon Mounted: Device mounted semipermanently to the face of the circuit breaker and secured by the loadcenter deadfront.
 ⑥ Handle Mounted: Device mounted directly to the handle by the use of a set screw.
 ⑦ Screw Mounted: Device permanently mounted to the face of the circuit breaker by the use of a non-removable screw.
 ⑧ Handle Lockdogs: Devices that are used to secure a circuit breaker's handle in the "On" or "Off" position. Handle Lockdogs are not padlockable devices.
 ⑨ Hold-Down Kits: Devices used to secure the circuit breaker to the loadcenter for back-feed main application. See NEC Article 384-16(g).

Discount Symbol **22CD**

Circuit Breaker Accessories

Table 3-125. Shunt Trips, Auxiliary and Alarm Contacts

Description	Catalog Number ^① Suffix Adder	Price U.S. \$ ^② Adder Each
Shunt Trip for Types BW/BWH		
12 Volts	SR12	
24 Volts	SR24	
120 Volts	SR01	
Shunt Trip for Types BR		
120 Volts	ST	
Auxiliary Contact for Types BW/BWH		
(1) NO and (1) NC	AL1	
(2) NO and (2) NC	AL2	
Alarm Contacts for Types BW/BWH		
Types BW/BWH	CR1	
Alarm Contacts for Type GFCB (1-Pole)		
Alarm Contact for GFCB (1-Pole)	W1	
(1) NO and (1) NC	W2	

① Add suffix indicated to end of breaker catalog number.
 ② Add amount shown to circuit breaker list price.

Table 3-126. Handle Position Changeability Chart

Handle Lockoff and Lockdog Types	To Change Handle Position from "On to "Off," or "Off" to "On" You Must...		
	Remove Padlock	Remove Device	Remove Loadcenter Deadfront
Lockoff Escutcheon Mounted	Remove	—	—
Lockoff Handle Mounted	Remove	Remove	—
Lockoff Screw Mounted	Remove	—	—
Lockdog Escutcheon Mounted	N/A	Remove	Remove
Lockdog Handle Mounted	N/A	Remove	—

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