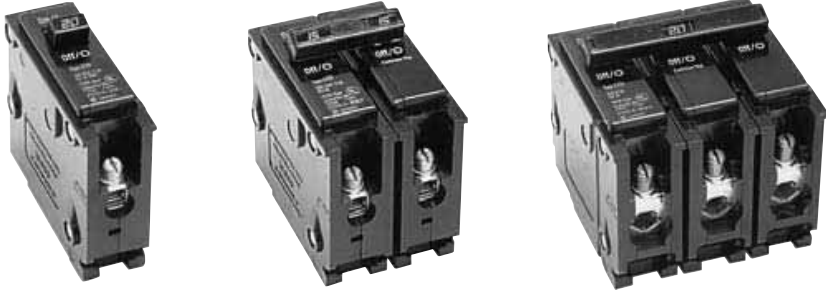


Type BR Circuit Breakers



Product Description

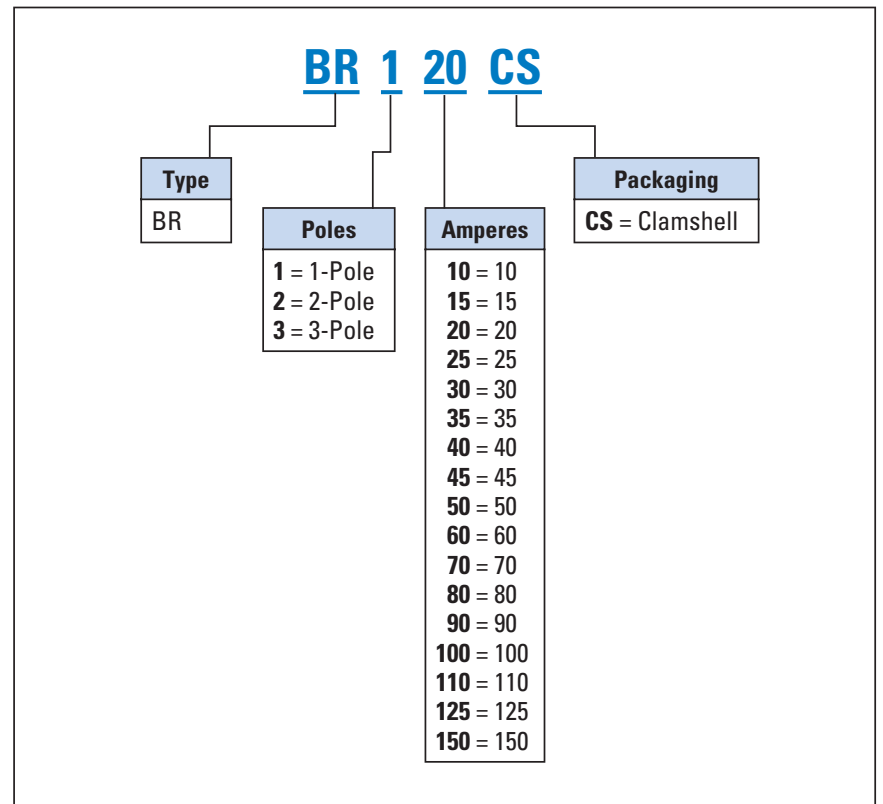
The primary function of a circuit breaker is to protect the wire from overheating (referred to as an overload) and fault currents (referred to as short circuits). Circuit breakers replaced fuses because they can be reset.

Features, Functions and Benefits

- ✓ Operated by toggle-type handle and multi-pole circuit breakers have an internal common trip mechanism.
- ✓ Handle position provides visual trip position.
- ✓ Type BR:
 - 10 to 150 amperes
 - 1-, 2- and 3-pole
 - 1- and 2-pole 120/240 V
 - 3-pole 240 V
 - 10, 22 and 42 kAIC (2 poles only)
- ✓ Type BR breakers carry listing for HCAR application.
- ✓ Meet UL 489, CSA, NEMA standards, Federal Spec Classification W-C 375 b/GEN.
- ✓ 1-inch (25.4 mm) wide (per pole).

Catalog Numbering System


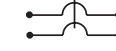
TABLE 1-9. CATALOG NUMBERING SYSTEM



Note: For arc fault and ground fault breakers, please see applicable sections.

Data Tables



TABLE 1-10. TYPE BR BREAKERS, 1-INCH (25.4 MM) PER POLE 120/240, 10, 22 AND 42 kAIC

Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	1-Pole 120/240 Vac Requires One 1-Inch (25.4 mm) Space 				2-Pole 120/240 Vac Common Trip Requires Two 1-Inch (25.4 mm) Spaces 					
		10 per Shelf Carton				5 per Shelf Carton					
		10 kAIC		22 kAIC		10 kAIC		22 kAIC		42 kAIC	
		Catalog Number	UPC Code	Catalog Number	UPC Code	Catalog Number	UPC Code	Catalog Number	UPC Code	Catalog Number	UPC Code
10	#14 – 4	BR110	786676362009	—	—	BR210	786676362757	—	—	—	—
15		BR115 ^{①②}	786676362054	BRH115	786676373050	BR215	786676362801	BRH215	786676373456	—	—
20		BR120 ^{①②}	786676362108	BRH120	786676373104	BR220	786676362856	BRH220	786676373500	—	—
25		BR125	786676362153	BRH125	786676373159	BR225	786676362900	BRH225	786676373555	—	—
30		BR130	786676362207	BRH130	786676373203	BR230	786676362955	BRH230	786676373609	—	—
35	#14 – 4	BR135	782114372081	BRH135	782114372128	BR235	786676374354	BRH235	782114372159	—	—
40		BR140	786676362252	BRH140	786676373258	BR240	786676363006	BRH240	786676373654	—	—
45		—	—	BRH145	782114372135	BR245	786676374453	BRH245	782114372166	—	—
50		BR150	786676362306	BRH150	786676373302	BR250	786676363051	BRH250	786676373708	—	—
55	#14 – 3	BR150	786676362306	BRH155	782114372142	BR255	782114372111	BRH255	782114372173	—	—
60	#4 – 1/0	BR160	786676362351	BRH160	786676373357	BR260	786676363105	BRH260	786676373753	BRHH260	786676382601
70		BR170	786676362405	BRH170	786676373401	BR270	786676363150	BRH270	786676373807	BRHH270	786676382700
80		—	—	—	—	BR280	786676363174	BRH280	782114372180	BRHH280	786676382809
90		—	—	—	—	BR290	786676363204	BRH290	786676373852	BRHH290	786676382908
100		—	—	—	—	BR2100	786676363259	BRH2100	786676373906	BRHH2100	786676376952
110		—	—	—	—	BR2110	786676384278	BRH2110	786676374248	BRHH2110	786676002950
125	#4 – 2/0	—	—	—	—	BR2125	786676367059	BRH2125	786676373951	BRHH2125	786676377003
150		—	—	—	—	BR2150 ^③	786676101950	—	—	—	—

① 1-pole, 1-inch (25.4 mm) per pole circuit breakers are available with high magnetic setting for switching large tungsten lamp loads. Add Suffix H to catalog number.
 ② Switching duty rated.
 ③ For use as a branch circuit breaker in 400 and 600 ampere panels only.

Note: All Type BR 1-, 2- and 3-pole circuit breakers carry listing for HACR application.

TABLE 1-11. TYPE BR BREAKERS, 1-INCH (25.4 MM) PER POLE 120/240, 10, 22 AND 42 kAIC — CLAMSHELLS

Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	1-Pole 120/240 Vac Requires One 1-Inch (25.4 mm) Space 				2-Pole 120/240 Vac Common Trip Requires Two 1-Inch (25.4 mm) Spaces 					
		6 per Shelf Carton				3 per Shelf Carton					
		10 kAIC		22 kAIC		10 kAIC		22 kAIC		42 kAIC	
		Catalog Number	UPC Code	Catalog Number	UPC Code	Catalog Number	UPC Code	Catalog Number	UPC Code	Catalog Number	UPC Code
15	#14 – 4	BR115CS ^{④⑤}	782114752708	—	—	BR215CS	782116630486	—	—	—	—
20		BR120CS ^{④⑤}	782114752715	—	—	BR220CS	782114752746	—	—	—	—
30		BR130CS	782114752722	—	—	BR230CS	782114752753	—	—	—	—
40		BR140CS	782116630370	—	—	BR240CS	782114752760	—	—	—	—
50	#4 – 1/0	BR150CS	782116630387	—	—	BR250CS	782114752777	—	—	—	—
60		BR160CS	782116630394	—	—	BR260CS	782114752784	—	—	—	—
70		BR170CS	782116630400	—	—	BR270CS	782116630493	—	—	—	—
80		—	—	—	—	BR280CS	782116630509	—	—	—	—
90	#4 – 1/0	—	—	—	—	BR290CS	782116630516	—	—	—	—
100		BR1100CS	782116630417	—	—	BR2100CS	782116630523	—	—	—	—
110		—	—	—	—	BR2110CS	782116630530	—	—	—	—
125		—	—	—	—	BR2125CS	782116630547	—	—	—	—
135	#4 – 1/0	—	—	—	—	BR2135CS	782116630554	—	—	—	—
150		—	—	—	—	BR2150CS	782116630561	—	—	—	—

④ 1-pole, 1-inch (25.4 mm) per pole circuit breakers are available with high magnetic setting for switching large tungsten lamp loads. Add Suffix H to catalog number.
 ⑤ Switching duty rated.

Note: All Type BR 1-, 2- and 3-pole circuit breakers carry listing for HACR application.

Data Tables

TABLE 1-12. TYPE BR BREAKERS, 1-INCH (25.4 MM) PER POLE 240 VAC, 10,000 AND 22,000 kAIC

Ampere Rating	Wire Size Range Cu/Al 60°C or 75°C	3-Pole 240 Vac Common Trip Requires Three 1-Inch (25.4 mm) Spaces			
		5 per Shelf Carton			
		10 kAIC		22 kAIC	
		Catalog Number	UPC Code	Catalog Number	UPC Code
10	#14 – 4	BR310	786676092050	—	—
15		BR315 ^①	786676367707	BRH315	786676372503
20		BR320 ^①	786676367752	BRH320	786676372558
25		BR325	786676000093	BRH325	786676002707
30		BR330	786676367806	BRH330	786676372602
35	#14 – 4	BR335	786676000109	BRH335	786676002714
40		BR340	786676367851	BRH340	786676372657
45		BR345	786676000116	BRH345	786676002721
50		BR350	786676367905	BRH350	786676372701
55	#14 – 3	BR355	782114375167	BRH355	786676002738
60	#4 – 1/0	BR360	786676367950	BRH360	786676372756
70		BR370	786676368001	BRH370	786676372800
80		BR380	782114103098	BRH380	786676002745
90		BR390	786676368056	BRH390	786676372855
100		BR3100	786676368094	BRH3100	786676372909

① One pole, 1-inch (25.4 mm) per pole circuit breakers are available with high magnetic setting for switching large tungsten lamp loads. Add suffix H to catalog number.

Note: All Type BR 1-, 2- and 3-pole circuit breakers carry listing for HACR application.