

Eaton's BRX miniature circuit breaker is a market leader for interrupting ratings



Eaton's BRX miniature circuit breaker is a fully rated 65,000 ampere interrupting capacity (kAIC) 1-inch style, two-pole breaker. It is a leader for interrupting ratings in a standard-size miniature breaker package.

Developed in response to customer specifications, the 65 kAIC rating simplifies the series rating by using a two-tier rating instead of an industry-standard three-tier rating, which requires a coordinated upstream breaker or fuse devices.

Intended for multi-tenant applications, the BRX miniature circuit breaker will help contractors reduce costs by easing installation, removing the need for specified upstream breakers and using less expensive service modules.

Features and benefits

- Standalone rating does not require a three-tier series rating, simplifying the system rating while enabling the use of less costly main service modules
- The BRX allows customers to use compact residential group metering stacks to reduce costs while saving space in the electrical room
- The product's standalone rating completes Eaton's product offering for applications with high kAIC requirements

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Powering Business Worldwide

Why Eaton

The world's demand for power continues to increase. Eaton is helping customers do more with less energy, while also improving the reliability of critical systems and processes.

Eaton's miniature circuit breakers are used to switch and protect the lowest common distribution voltage in an electrical system. The new BRX breaker is the market leader for interrupting ratings in a standard-size package.

1MP, 1MM and 3MM BR main tenant circuit breakers and series ratings

Description	Number of poles	Main tenant circuit breaker ampere rating	10 kAIC catalog number ^①	22 kAIC catalog number	42 kAIC catalog number ^{②③④}	65 kAIC catalog number ^{②③④}
Plug-on type						
Plug-on type circuit breakers used with 1MP, 1MM and 3MM 125 A modular metering stacks	2	60	BR260	BRH260	BRHH260	BRX260
	2	70	BR270	BRH270	BRHH270	BRX270
	2	80	BR280	BRH280	BRHH280	BRX280
	2	90	BR290	BRH290	BRHH290	BRX290
	2	100	BR2100	BRH2100	BRHH2100	BRX2100
	2	110	BR2110	BRH2110	BRHH2110	BRX2110
	2	125	BR2125	BRH2125	BRHH2125	BRX2125

Notes:

- ① #2–300 kcmil wire size range for CCV and CCVH tenant main circuit breakers.
- ② “MM” suffix indicates mounting hardware kit is included as standard with tenant main breaker.
- ③ 1MMCBK replacement mounting hardware kit. One kit is needed per breaker. Mounting hardware kit ships standard with breaker “MM” suffix offering.
- ④ #6–4/0 kcmil wire size range for CVS, CV and CVH tenant main circuit breakers. If #2–300 kcmil is needed, order 2TA225CVK. One kit needed per breaker.

Main module overcurrent device	System AIC rating 120/240 Vac maximum (kAIC)	Tenant feeder breaker or loadcenter main breaker	Loadcenter branch breaker (10 kAIC)
(1) None	22	BRH	BD, BR, BRD, BQ, BQC, GFCB, CH, CHT, BRCAF, CHFCAF, CHF, CH-GFCI
(2) Cable tap box	25	CSR, CCVH	
(3) Main switch	42	BRHH, CVS	
(4) Main breaker	65	BRX, CV, KD, HKD	
	100	CVH, KDC	
Main switch with Class T fuses, 1200 A maximum	100	BRHH	BD, BR, BRD, BQ, BQC, GFCB, CH, CHT, BRCAF, CHFCAF, CHF, CH-GFCI

Note: All loadcenter branch breakers carry a 10 kAIC rating.

For additional information, visit
Eaton.com or call
1-877-ETN-CARE (1-877-386-2273).

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 Printed in USA
 Publication No. PA003003EN / Z16063
 January 2015

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