

Type CPM/CPL Plug-In Loadcentres

Product Description

Loadcentres feature factory installed main lugs or main breakers. The BR interiors are manufactured of formed, plated aluminum. Eaton also supplies a full line of Eaton brand BR, DNPL, GFCB and GFEP type branch circuit breakers and accessories for these loadcentres.

Product Application

Designed for the protection and distribution of single and multi-dwelling residential and light commercial loads to 120/240 volts AC, such as lighting, heating, appliance and small motor branch circuits.

All Main Breaker Combination Loadcentres are CSA listed for use as service entrance equipment.

Ratings

Single phase, 3 wire, 120/240 volts AC and 3 phase, 4 wire, 120/208 volts AC. Mains through 400 amperes. Available with up to 84 branch circuits. Main breakers on 150 & 200 Amp panels are rated at 25,000 AIC.

Metal Enclosure Specifications

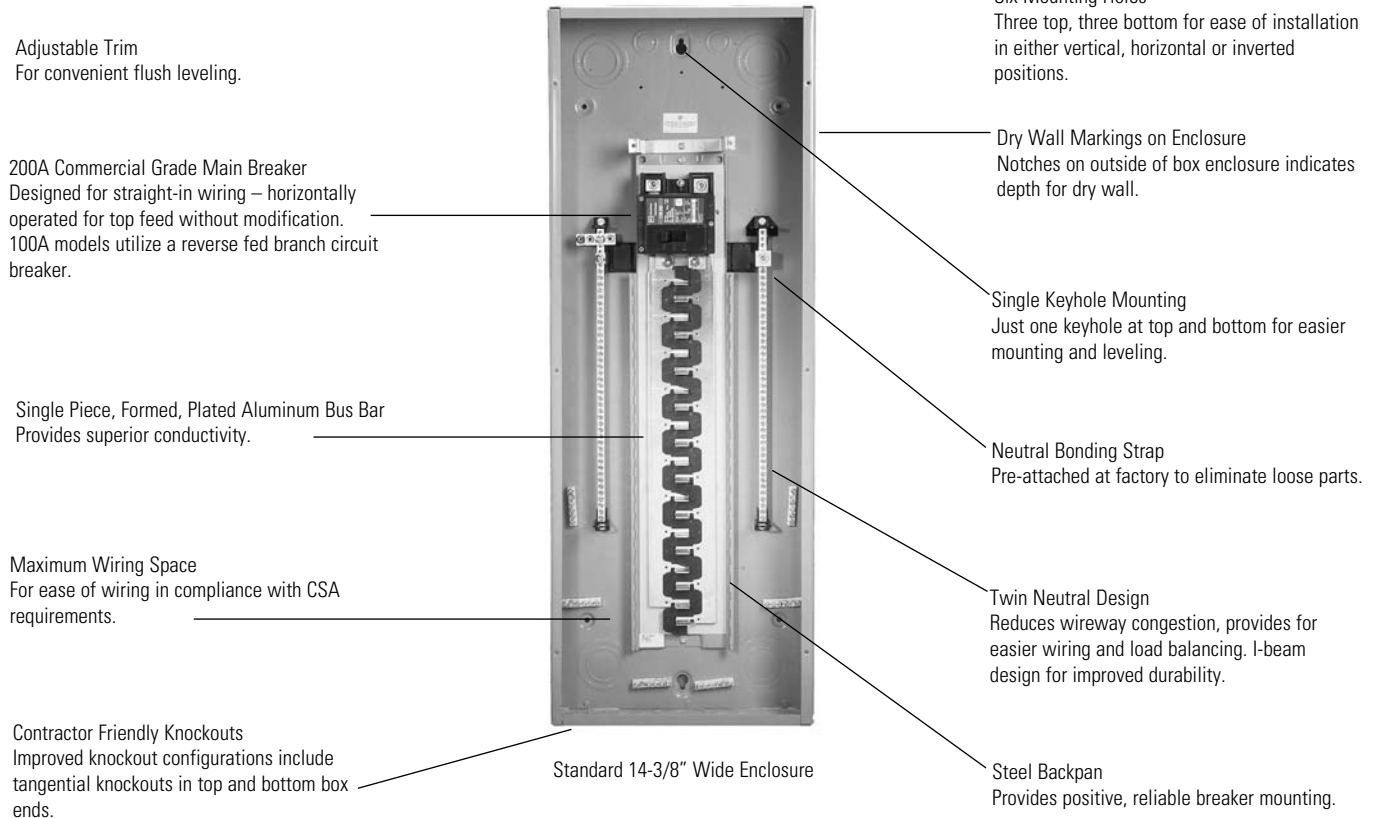
Enclosures are made of 16 gauge galvanized sheet steel. The galvanized coating provides corrosion protection and as such does not require paint. All trims used on BR Loadcentres are chromate sealed and finished with an electro-disposition epoxy paint (ANSI-61) which exceeds requirements for outdoor and indoor applications. A combination surface/flush cover with integral door is supplied with indoor loadcentres rated from 100 through 400 amperes. All plug-in loadcentres are CSA listed to file LL98266. CSA Certified to C22.2 No.29.

All plug-in loadcentres are UL listed to file E52977.

All loadcentres carry GOS approvals of conformity.

Warranty
5 year limited.

Type CPM / CPL Loadcentre Features and Benefits



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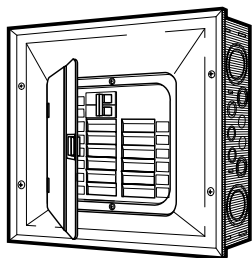
Combination (Main Circuit Breaker) Single Phase Type 1

3 Wire 120/240VAC Combination Service Entrance Type 1 (Indoor)

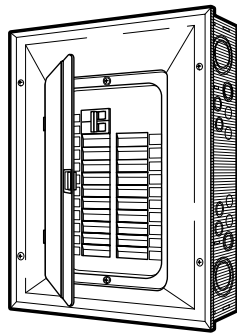
Product Selection

Table 1. Main Circuit Breaker Indoor Type 1 Loadcentres

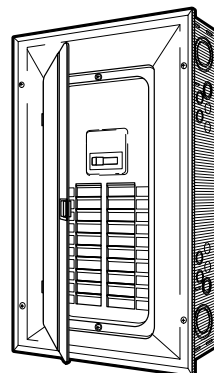
Maximum Ampere Rating	Main Breaker Rating	Catalogue Number	Max. No. 1" Spaces	Max. No. 1/2" Spaces	Cover Style	Type of Main Breaker	Dimensions (in)			Wire Size Range for Main CU/AL
							H	W	D	
125 Amp	100 Amp	CPM112	12	24	Flush/Surface	BR ①③	18-3/4	14-3/8	3-7/8	#4 - 1/0
125 Amp	–	CPM112LMB	12	24	Flush/Surface	BR ⑥	18-3/4	14-3/8	3-7/8	#4 - 1/0
125 Amp	100 Amp	CPM116	16	32	Flush/Surface	BR ①③	21	14-3/8	3-7/8	#4 - 1/0
125 Amp	–	CPM116LMB	16	32	Flush/Surface	BR ⑥	21	14-3/8	3-7/8	#4 - 1/0
125 Amp	125 Amp	CPM116Z	20	40	Flush/Surface	BR ⑥	21	14-3/8	3-7/8	#4-2/0
125 Amp	100 Amp	CPM120	20	40	Flush/Surface	BR ①③	27	14-3/8	3-7/8	#4 - 1/0
125 Amp	–	CPM120LMB	20	40	Flush/Surface	BR ⑥	27	14-3/8	3-7/8	#4 - 1/0
125 Amp	125 Amp	CPM120Z	20	40	Flush/Surface	BR ⑥	27	14-3/8	3-7/8	#4-2/0
125 Amp	100 Amp	CPM120H	20	40	Flush/Surface	BRH ②	27	14-3/8	3-7/8	#4 - 1/0
125 Amp	100 Amp	CPM130	30	60	Flush/Surface	BR ①③	29	14-3/8	3-7/8	#4 - 1/0
125 Amp	125 Amp	CPM130Z	30	60	Flush/Surface	BR ⑥	29	14-3/8	3-7/8	#4-2/0
125 Amp	100 Amp	CPM130H	30	60	Flush/Surface	BRH ②	29	14-3/8	3-7/8	#4 - 1/0
150 Amp	150 Amp	CPM1520	20	40	Flush/Surface	BWH ②	29-1/8	14-3/8	3-7/8	#2-300MCM
150 Amp	150 Amp	CPM1530	30	60	Flush/Surface	BWH ②	34-1/8	14-3/8	3-7/8	#2-300MCM
150 Amp	150 Amp	CPM1540	40	80	Flush/Surface	BWH ②	39	14-3/8	3-7/8	#2-300MCM
200 Amp	200 Amp	CPM216	16	32	Flush/Surface	BWH ②	29-1/8	14-3/8	3-7/8	#2-300MCM
200 Amp	200 Amp	CPM220	20	40	Flush/Surface	BWH ②	29-1/8	14-3/8	3-7/8	#2-300MCM
200 Amp	200 Amp	CPM230	30	60	Flush/Surface	BWH ②	34-1/8	14-3/8	3-7/8	#2-300MCM
200 Amp	200 Amp	CPM240	40	80	Flush/Surface	BWH ②	39	14-3/8	3-7/8	#2-300MCM
400 Amp	400 Amp	CPM442	42	42 ④	Flush/Surface	DK ⑤	66-1/2	16-1/8	6-5/16	(2)#2/0- 250MCM or (1)#2/0-500MCM ⑥



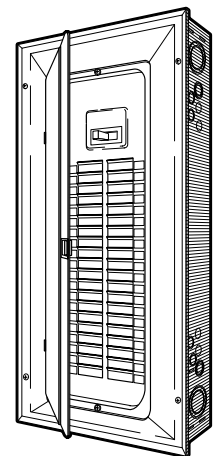
CPM112



CPM120



CPM1520



CPM240

① Type BR-100 Amp 10kAIC Main Circuit Breaker is factory installed (BR2100).

② Factory installed 25 kAIC Main Breaker.

③ High Interrupting BRH Breakers are available on page 13.

④ Restricted due to available neutrals, extra neutrals are available on page 11, which will expand available circuitry to a maximum of 84 circuits.

⑤ DK Breaker is a 65 kAIC, factory-sealed Breaker.

⑥ BR2125 main breaker is factory installed.

⑦ BRH2100 – 22kA high interrupting main breaker is factory installed.

⑧ Main Breaker is not supplied.

⑨ 3TA401K must be ordered separately for #2/0-500 MCM.