

CERTIFICATE OF COMPLIANCE

Certificate Number 20130816 – E7819
Report Reference E7819 – 19850708
Issue Date 2013-August-16

Issued to: EATON
1000 CHERRINGTON PKY
MOON TOWNSHIP, PA 15108 USA

**This is to certify that
representative samples of**

Circuit Breakers, Molded Case and Circuit-breaker
Enclosures


Types FD, HFD, HFD-DC, FDC, ED, EDB, EDS, EDC,
EDH, EFD, EHD, FDB, ECB,
(See following page for additional model information.)

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 489, "Molded-Case Circuit Breakers, Molded-
Case Switches and Circuit-Breaker Enclosures."

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the
word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Fi, FG, FDMP, HFDMP, FDE, HFDE, FDCE, FPS, FPH, CVS, CV and CVH circuit breakers. Molded case circuit breakers. 1, 2, 3 and 4-pole with type designations as identified in this Report. Type designations may be with or without Suffix letter "L". The Types FG and ECB are complete breakers.

Suffix letter "L" designates wire connectors provided at both ends. No suffix letter indicates wire connectors provided on one end only. Breakers may be used optionally without wire connectors or keeper nuts at either end. The "L" suffix is not used for the FG and ECB types.

Type FDC circuit breakers with Current Limiter Modules, 3-pole, Type designation of current limiter modules mounted to line side of circuit breaker is "Q01", load side is "Q02".

Ratings:

Interrupting Capacity, kA -

Type	Poles	Frequency, Hz	240 V ac	277 V ac	480 V ac	600 V ac	125 V dc	250 V dc	347 Vac
EHD	1	50/60	-	14	-	-	10	-	-
EHD	2, 3	50/60	18	-	14	-	-	10	-
FDB	2,3,4	50/60	18	-	14	14	-	10	-
FD	1	50/60	-	35	-	-	10	-	18
FD	2,3,4	50/60	65	-	35	18	-	10	-
FG	2,3,4	50/60	18	-	14	10	-	-	-
HFD	1	50/60	-	65	-	-	10	-	-
HFD	2,3,4	50/60	100	-	65	25	-	22	-
FDC	2,3,4	50/60	200	-	100	35	22	-	-
FDC-Q	3	50/60	200	-	200	200	-	22	-
ED	2,3,4	50/60	65	-	-	-	10	-	-
EDB	2,3	50/60	22	-	-	-	10	-	-
EDS	2,3	50/60	42	-	-	-	10	-	-
EDH	2,3,4	50/60	100	-	-	-	10	-	-
EDC	2,3,4	50/60	200	-	-	-	10	-	-
ECB	2,3	50/60	65	-	25	-	-	10	-
Fi	2,3,4	50/60	25	-	14	-	-	10	-
FDMP	3	50/60	65	-	35	18	-	-	-
HFDM	3	50/60	100	-	65	25	-	-	-
FDE	3	50/60	65	-	35	18	-	-	-
HFDE	3	50/60	100	-	65	25	-	-	-
FDCE	3	50/60	200	-	100	25	-	-	-
CVS	2,3	50/60	42	-	-	-	10	-	-
CV	2,3	50/60	65	-	-	-	10	-	-



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Ratings (Cont.)

Type	Poles	Frequency, Hz	240 V ac	277 V ac	480 V ac	600 V ac	125 V dc	250 V dc	347 V ac
CVH	2,3	50/60	100	-	-	-	10	-	-
FPS	3	50/60	65	-	35	18	-	-	-
FPH	3	50/60	100	-	65	25	-	-	-

HFDDC – 1 pole, 15-150A, 125 V dc/42 kA. The 1 pole interruption may be applied on a 2 or 3 pole device.

HFDDC – 2 poles in series, 15 A-225 A, 250 V dc/50 kA. The 2 pole interruption may be applied on 2 or 3 pole devices.

HFDDC – 3 poles in series, 15 A-225 A, 600 V dc/42 kA.

Continuous Ratings - 15-225 A, (EHD 15-100 A). (FD, HFD 15-150; 1 pole only), (ECB 100-225A), (FDMP, HFDMP 40-205A, 3 pole only). 40-200A for FDC circuit breaker with current limiter module.

Current Limiter Module Design – See Vol. FJ, Sec. 7.



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