



Ref. Certif. No.

CN46477-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Moulded Case Circuit-breakers

Name and address of the applicant

Eaton Electrical Inc.  
1000 Cherrington Parkway Moon Township, PA 15108, USA

Name and address of the manufacturer

Eaton Electrical Inc.  
1000 Cherrington Parkway Moon Township, PA 15108, USA

Name and address of the factory

Eaton Electrical Ltd.  
No.2 Louyang Road, SIP Suzhou, Jiangsu Province, 215121, P.R.China

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

See the Appendix

Trademark (if any)

EATON

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

PDC2, PDC9, PDE2, PDE9

Additional information (if necessary may also be reported on page 2)

The original CB certificate No. is CN46477, dated 2019-04-11 . The M1 certificate has been issued to add 4P products.

IEC 60947-2:2016(5th Edition)

A sample of the product was tested and found to be in conformity with

As shown in the Test Report Ref. No. which forms part of this Certificate

00901-CB2018CQC-084758-M1

This CB Test Certificate is issued by the National Certification Body

CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188 Nansihuan Xilu, Beijing 100070 P. R. China  
Tel: +86-10-83886666 Fax: +86-10-83886282  
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Date: Jul.18,2019

Signature:

Lu Mei

PDC2,PDC9,PDE2,PDE9

Uimp: 8kV(Thermo-magnetic),6kV(Electronic);

Ui:800V(Thermo-magnetic),690V(Electronic);

Ue:AC230/240V,400/415V,440V,480V,500/525V,690V,DC125V/250V(PDC2&PDC9),  
AC230/240V,400/415V,440V(PDE2&PDE9)

In:

Thermo-magnetic:125A,160A,200A,250A(PDC2/PDE2);

Electronic: 63A, 100A, 160A(PDC9,PDE9)

Electronic :100A, 160A, 200A, 250A(PDC2/PDE2)

Over-current release: Electronic, Thermo-magnetic

Ics: See table 1&2&6

Icu: See table 1&2&6

3P,4P

Suitable for insulation

50/60Hz

IP20

Selectivity category: A

Auxiliary and alarm contacts (1NO,1NC,1NO1NC):

Ith: 4A;

Ue/Ie: AC-15: AC230V/4A, AC500V/1A,AC600V/0,6A;

DC-13: DC220V/0,3A;

Accessories with electronic circuits:

Undervoltage release:AC600V, AC480-525V, AC380-440V, AC208-240V, AC110-130V,  
AC24V, DC250V,DC125V, DC60V, DC48V, DC24V, DC18V, DC12V;

Shunt release:AC600V, AC480-525V, AC380-440V, AC200-240V/DC250V,  
AC110-130V/DC125V, AC/DC24V, DC60V, DC48V, DC12V

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Table 1

Type	V AC	kA Icu	kA Ics	VDC*	kA Icu	kA Ics
PDC2 &PDC9						
F	230/240	35	35	125 250(2pole in series)	10	10
	400/415	25	25			
	440	25	20			
	480	20	20			
	500/525	18	15 (TM) 13(ETU)			
	690	-	-			
G	230/240	55	55	125 250(2pole in series)	10	10
	400/415	36	36			
	440	30	22,5			
	480	25	20			
	500/525	20	15 (TM) 13(ETU)			
	690	8	4			
K	230/240	85	85	125 250(2pole in series)	10	10
	400/415	50	50			
	440	35	35			
	480	35	22,5			
	500/525	30 (TM) 25 (ETU)	15 (TM) 13(ETU)			
	690	10	5			
M	230/240	100	100	125 250(2 pole in series)	22	22
	400/415	70	53			
	440	50	40			
	480	50	30			
	500/525	30 (TM) 25 (ETU)	15 (TM) 13(ETU)			
	690	10	5			
N	230/240	150	100	125 250(2pole in series)	22	22
	400/415	70	70			
	440	70	50			
	480	65	40			
	500/525	30 (TM) 25 (ETU)	15 (TM) 13(ETU)			
	690	10	5			

Notes\*: 250VDC interruption rating should be 2P in series, 125VDC interruption rating should be 1P.

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Table 2

PDE2	V AC	kA Icu	kA Ics
F	230/240	35	35
	400/415	25	25
	440	25	15
G	230/240	50	50
	400/415	36	36
	440	30	22,5
K	230/240	65	65
	400/415	50	50
	440	35	26
M	230/240	100	100
	400/415	70	50
	440	50	37
N	230/240	100	100
	400/415	70	70
	440	50	37

Table 6

Type	V AC	kA Icu	kA Ics
PDE9			
F	230/240	35	35
	400/415	25	25
	440	25	20
G	230/240	55	55
	400/415	36	36
	440	30	22,5
K	230/240	85	85
	400/415	50	50
	440	35	35

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M	230/240	100	100
	400/415	70	53
	440	50	40
N	230/240	150	100
	400/415	70	70
	440	70	50

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