



Ref. Certif. No.

CN46467

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

### CB TEST CERTIFICATE

Product

Moulded Case Circuit-breaker

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

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.

PDC1 & PDE1

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

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

IEC 60947-2:2016(5th Edition)

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

00901-CB2018CQC-083962

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  
website: <http://www.cqc.com.cn>



Date: Apr.11,2019

Signature:

Lu Mei

CB 0051764

PDC1&amp;PDE1

Uimp:6kV

Ui:800V

Ue: AC230/240V,400/415V,440V,480V,500/525V,690V,DC125V/250V(PDC1);

AC230/240V,400/415V,440V(PDE1);

In: 16A,20A,25A,32A,40A,50A,63A,80A,100A,125A,160A;

Over-current release: Thermo-magnetic

Ics: See table 1&amp;2

Icu: See table 1&amp;2

Selectivity category: A

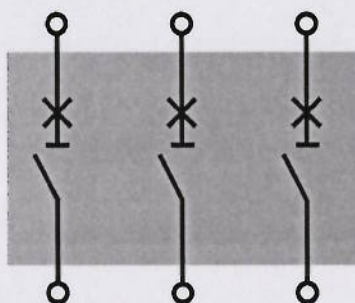
3P,4P

Suitable for insulation

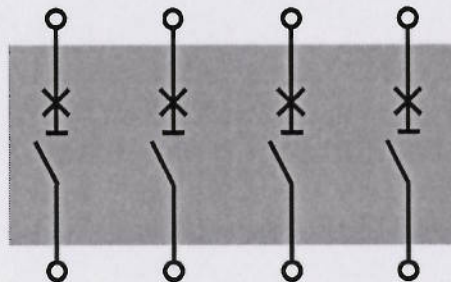
50/60Hz

IP20

Connection diagram for DC:



Note : Ue for single pole is 125V , for two poles in series is 250V , two poles in series is at random , the positive and negative polarity can change.



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

Ith: 4A;AC-15:Ue/Ie: AC230V/4A, AC500V/1A,AC600V/0,6A; DC-13:Ue/Ie:DC220V/0,3A;

Accessories with electronic circuits:

Undervoltage release UVR: AC480-525V, AC380-440V, AC208-240V, AC110-130V, AC24V,

DC250V,DC125V, DC60V, DC48V, DC24V, DC18V,DC12V;

Shunt release ST: 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
PDC1						
F	230/240	35	35	125 250(2 pole in series)	10	10
	400/415	25	25			
	440	25	18.5			
	480	20	18.5			
	500/525	10	6			
	690	--	--			
G	230/240	55	55	125 250(2 pole in series)	10	10
	400/415	36	36			
	440	30	22.5			
	480	25	18.5			
	500/525	15	7.5			
	690	8	4			
K	230/240	85	85	125 250(2 pole in series)	10	10
	400/415	50	50			
	440	35	35			
	480	30	18.5			
	500/525	20	10			
	690	10	7.5			
M	230/240	100	100	125 250(2 pole in series)	14	14
	400/415	70	50			
	440	50	37			
	480	35	20			
	500/525	20	10			
	690	10	7,5			

no  
difference  
in critical

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

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Table 2


Type	V AC	kA Icu	kA Ics
PDE1			
F	230/240	35	35
	400/415	25	25
	440	20	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

no  
difference  
in critical

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