

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 <i>Note: When more than one factory, please report on page 2</i>	Eaton Electrical Ltd. No.2 Louyang Road, Suzhou Industrial Park, Jiangsu Province, 215121, P.R.China
Ratings and principal characteristics	See the Appendix
Trademark (if any)	EATON
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	PDC3 & PDE3
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-083963

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
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Date: Apr.11,2019

Signature:

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PDC3&PDE3

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

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

Ue:Thermo-magnetic(PDC3):AC230/240V,400/415V,440V,480V,500/525V,690V,DC125V/250V;

Electronic(PDC3): AC230/240V,400/415V,440V,480V,500/525V,690V;

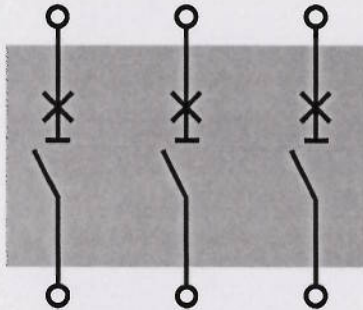
Thermo-magnetic(PDE3): AC230/240V,400/415V,440V; Electronic(PDE3): AC230/240V,400/415V,440V;

In: 250A,320A,400A,500A,630A

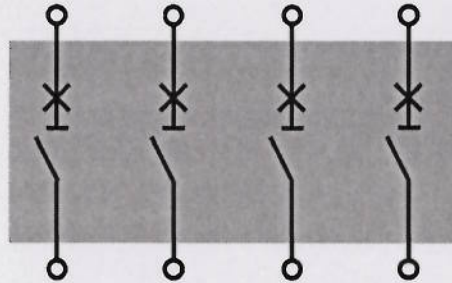
Over-current release: Electronic, Thermo-magnetic

Ics: See table 1&2; Icu: See table 1&2; 3P,4P ; Suitable for insulation; 50/60Hz; IP20; Selectivity category: A

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 PDG3XUV : AC600V, AC480-525V, AC380-440V, AC208-240V, AC110-130V, AC24V, DC250V,DC125V, DC60V, DC48V, DC24V, DC18V,DC12V;

Shunt release PDG3XST : 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*
F	230/240	35	35	125/250	22	22
	400/415	25	25			
	440	25	20			
	480	20	20			
	500/525	18	15			
	690	-	-			
G	230/240	55	55	125/250	22	22
	400/415	36	36			
	440	30	22,5			
	480	25	20			
	500/525	20	16,5			
	690	8	4			
K	230/240	85	85	125/250	22	22
	400/415	50	50			
	440	35	35			
	480	35	22,5			
	500/525	25	20			
	690	10	5			
M	230/240	100	100	125/250	42	42
	400/415	70	53			
	440	50	40			
	480	50	35			
	500/525	30	25			
	690	15	7,5			
N	230/240	150	100	125/250	42	42
	400/415	70	70			
	440	70	50			
	480	65	40			
	500/525	35	25			
	690	20	10			

no difference
in critical
components

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

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Table 2

PDE3			
Type	V AC	kA Icu	kA Ics
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
N	230/240	100	100
	400/415	70	70
	440	50	37

Table 3

PDE3			
Type	V AC	kA Icu	kA Icm
F	230/240	35	
	400/415	25	
	440	20	
G	230/240	50	
	400/415	36	
	440	30	
K	230/240	65	
	400/415	50	

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	440	35	
M	230/240	100	
	400/415	70	
	440	50	
N	230/240	100	
	400/415	70	
	440	50	

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