

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20180427-E204404  
**Report Reference** E204404-20030114  
**Issue Date** 2018-APRIL-27

**Issued to:** Circuit Breaker Industries (Pty) Ltd  
TRIPSWITCH DRIVE  
ELANDSFONTEIN 1600 SOUTH AFRICA

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

CIRCUIT BREAKERS FOR USE IN COMMUNICATIONS  
EQUIPMENT

Circuit Breakers for use in Telecommunications Equipment,  
Type QY-1 (13), QY-2(13), QY-3(13) and QY-4(13).  
(See Addendum Page for Additional Information.)

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

**Standard(s) for Safety:** UL489A - STANDARD FOR CIRCUIT BREAKERS FOR  
USE IN COMMUNICATIONS EQUIPMENT  
UL 489 - Molded Case Circuit Breakers

**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

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

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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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.

## Addendum –

Ratings:

Current Rating, A	Poles	Terminal Type	Voltage Rating	Standard Interrupting Rating	Hi-Interrupting Rating
0.1-63	1-pole	box	80 V dc	5,000 A, 80 V dc	10,000 A, 80 V dc
0.1-50	1-pole	bullet	80 V dc	5,000 A, 80 V dc	10,000 A, 80 V dc
0.1-50	2-pole	box	80 V dc	5,000 A, 80 V dc	10,000 A, 80 V dc
30-100	2-pole parallel	box	80 V dc	5,000 A, 80 V dc	10,000 A, 80 V dc
110-150	3-pole parallel	box	80 V dc	10,000 A, 80 V dc	-
110-150	3-pole parallel	Box	125 V dc	5,000 A, 125 V dc	10,000 A, 125 V dc
200	4-pole parallel	box	80 V dc	5,000 A, 80 Vdc	10,000 A, 80 Vdc
0.5-20	4-pole series	box	600 V dc	2,500 A, 600 Vdc	-
0.5-20	4-pole series (3-pole + 1 shunt trip)	box	600 V dc	2,500 A, 600 Vdc	-
1-63	1-pole	box & bullet	125 V dc	5,000 A, 125 V dc	10,000 A, 125 V dc
0.1-50	2-pole	box	125 V dc	5,000 A, 125 V dc	10,000 A, 125 V dc
0.1-63 (1 <sup>st</sup> pole) 0.1-63 (2 <sup>nd</sup> pole)	2-pole	box	125 V dc	5000 A, 125 V dc	-
60-100 (1 <sup>st</sup> 2 poles) 0.5 (3 <sup>rd</sup> pole)	3-pole	box	125 V dc & 125 V dc	5000 A, 125 V dc	10,000 A, 125 V dc
0.1-50 (1 <sup>st</sup> 2 poles) 0.5 (3 <sup>rd</sup> & 4 <sup>th</sup> poles)	4-pole	box	250 V dc & 250 V dc	5000 A, 250 V dc	10,000 A, 250 V dc
20-100	2-pole parallel	box	125 V dc	5,000 A, 125 V dc	10,000 A, 125 V dc
1-50	2-pole series	box	250 V dc	5,000 A, 250 V dc	10,000 A, 250 V dc



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