

No. **BVPMS\_7219**

Holder **Changyou Technology (Zhejiang) Co.,Ltd.**  
1005 Xianggang Rd, Paidong Industrial, Liushi Town, Wenzhou City,  
Zhejiang Province - CHINA

Manufacturing site(s) **Changyou Technology (Zhejiang) Co.,Ltd. (N°28942)**  
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Zhejiang Province - CHINA

File No. **TL799977** Date of delivery **16/04/2024** Expired on **15/04/2029**

Tested in conformity with **EN 60947-1:2007 +A1:2011 +A2:2014**  
**EN 60947-2:2017 + A1:2020**

Test report No **23119Y90051**

Product **Circuit-breaker**  
DC Miniature Circuit-breaker

Model **TOMD6-63DC**

Rated characteristics **See Annex**

Brand name

1)  2) chayo

Additional information **Also tested in conformity with**  
**SANS 556-2-1:2018, SANS 60947-2:2020, SANS 60947-1:2020;**  
**IEC 60947-2:2016+A1:2019, IEC 60947-1:2007 + A1:2010 + A2:2014.**

The present approval is submitted to our Testing and Certification rules. The present certificate is valid until the cancellation of one of the standards on which it is based.

Certification Body complies with ISO/IEC 17065.

Fontenay-aux-Roses, 16/04/2024

 **LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES**  
S.A.S au capital de 15.745.984 €  
RCS Nanterre B 408 363 174  
33 avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSES  
**Julien GAUTHIER**  
Certification Officer



<i>Utilization category</i>	A
<i>Interruption medium</i>	Air
<i>Design</i>	DC Miniature Circuit-breaker
<i>Method of controlling the operating mechanism</i>	Dependent manual
<i>Suitability for isolation</i>	Suitable
<i>Provision for maintenance</i>	Non-maintainable
<i>Method of installation</i>	Fixed
<i>Protection degree :</i>	IP20 for front cover
<i>Rated operational voltage U<sub>e</sub> : (V)</i>	250VDC(1P),550VDC(2P),1000VDC(4P)
<i>Rated insulation voltage U<sub>i</sub> : (V)</i>	550V
<i>Rated impulse withstand voltage U<sub>imp</sub> : (V)</i>	4kV
<i>Rated current I<sub>e</sub> : (A)</i>	6A,10A,13A,16A,20A,25A,32A,40A,50A,63A
<i>Conventional free air thermal current I<sub>th</sub> : (A)</i>	Equal to I <sub>e</sub>
<i>Conventional enclosed thermal current I<sub>the</sub> : (A)</i>	N/A
<i>Rated current for four pole circuit-breakers : (A)</i>	6A,10A,13A,16A,20A,25A,32A,40A,50A,63A
<i>Rated frequency : (Hz)</i>	N/A
<i>Nature of supply :</i>	DC
<i>Total number of poles :</i>	1P;2P;4P
<i>Number of protected poles :</i>	1P;2P;4P
<i>Rated duty</i>	Uninterrupted duty
<i>Rated short-time making capacity I<sub>cm</sub> : (A)</i>	9,18kA
<i>Rated ultimate short-circuit breaking capacity I<sub>cu</sub> : (A)</i>	I <sub>cu</sub> =I <sub>cs</sub> =6kA
<i>Rated service short-circuit breaking capacity I<sub>cs</sub> : (A)</i>	I <sub>cu</sub> =I <sub>cs</sub> =6kA
<i>Rated short-time withstand current I<sub>cw</sub> : (A)</i>	N/A
<i>Electromagnetic compatibility</i>	Thermo-magnetic
<i>Instantaneous tripping current :</i>	8I <sub>n</sub>
<i>Reference ambient calibration air temperature : (°C)</i>	30°C
<i>Pollution degree</i>	3
<i>Material group :</i>	IIIa
<i>safety distance (short-circuit tests) :</i>	Back:10mm Front:10mm Up:50mm Down:50mm Left:0mm Right:0mm

