

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

## CB TEST CERTIFICATE

Product	<b>Moulded-case circuit-breaker</b> MCCB
Name and address of the applicant	<b>WENZHOU TONGOU ELECTRICAL CO.,LTD</b> Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Name and address of the manufacturer	<b>WENZHOU TONGOU ELECTRICAL CO.,LTD</b> Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Name and address of the factory	<b>WENZHOU TONGOU ELECTRICAL CO.,LTD</b> Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Annex
Trademark / Brand (if any)	tongou
Customer's Testing Facility (CTF) Stage used	/
Model / Type Ref.	TOS1-400 Series See Annex
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC FR_703969 dated 26/09/2018. Update further to the evolution of the standard(s) <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-1:2007 +A1:2010 +A2:2014 IEC 60947-2:2016 +A1:2019
As shown in the Test Report Ref. No. which forms part of this Certificate	B200082

This CB Test Certificate is issued by the National Certification Body

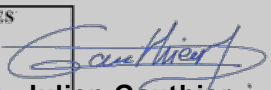


LCIE – Laboratoire Central des Industries Electriques  
33, avenue du Général Leclerc – BP8  
FR 92 266 Fontenay aux Roses Cedex  
[www.lcie.fr](http://www.lcie.fr)

Date: 04/12/2020



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

Signature:   
Julien Gauthier  
Certification Officer

## ANNEX

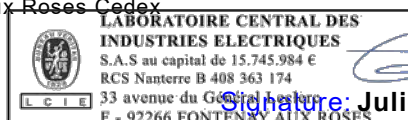
References, ratings and main characteristics:

Type reference	TOS1-400/3300	TOS1-400/4300
Configuration of poles	3P	3P+N
Rated current	225A	225A
	250A	250A
	315A	315A
	350A	350A

Utilization category	A
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Independent manual
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed
Protection degree :	IP40 for front cover
Rated operational voltage $U_e$ : (V)	400V~
Rated insulation voltage $U_i$ : (V)	800V
Rated impulse withstand voltage $U_{imp}$ : (V)	8kV
Rated current $I_e$ : (A)	225A;250A;315A;350A;400A
Conventional free air thermal current $I_{th}$ : (A)	Same as $I_n$
Conventional enclosed thermal current $I_{the}$ : (A)	N/A
Rated current for four pole circuit-breakers : (A)	Same as $I_n$
Rated frequency : (Hz)	50/60Hz
Nature of supply :	~
Total number of poles :	3P;3P+N
Number of protected poles :	3P;3P
Rated duty	Uninterrupted duty
Rated short-time making capacity $I_{cm}$ : (A)	105kA
Rated ultimate short-circuit breaking capacity $I_{cu}$ : (A)	50kA
Rated service short-circuit breaking capacity $I_{cs}$ : (A)	35kA
Rated short-time withstand current $I_{cw}$ : (A)	N/A
Electromagnetic compatibility	Thermo-magnetic
Instantaneous tripping current :	10 $I_n$
Reference ambient calibration air temperature : (°C)	40°C
Pollution degree	3
Material group :	IIIa
safety distance (short-circuit tests) :	Back:0mm Front:10mm Top:100mm Bottom:100mm Left:30mm Right:30mm



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