

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

CB TEST CERTIFICATE

Product	Moulded-case circuit-breaker MCCB
Name and address of the applicant	WENZHOU TONGOU ELECTRICAL CO.,LTD Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Name and address of the manufacturer	WENZHOU TONGOU ELECTRICAL CO.,LTD Paidong Industrial Zone,Qiligang Yueqing City,Zhejiang - CHINA
Name and address of the factory	WENZHOU TONGOU ELECTRICAL CO.,LTD 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.	TOS1-250 Series See Annex
Additional information (if necessary may also be reported on page 2)	Supersedes CBTC FR_703923 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	B200081

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



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

Date: 04/12/2020

ANNEX

References, ratings and main characteristics:

Type reference	TOS1-250/2300	TOS1-250/3300	TOS1-250/4300
Configuration of poles	2P	3P	3P+N
Rated current	100A	100A	100A
	125A	125A	125A
	160A	160A	160A
	180A	180A	180A
	200A	200A	200A
	225A	225A	225A
	250A	250A	250A

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)	690V
Rated impulse withstand voltage U_{imp} : (V)	6kV
Rated current I_n : (A)	100A;125A;160A;180A;200A;225A;250A
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 :	2P;3P;3P+N
Number of protected poles :	2P;3P;3P
Rated duty	Uninterrupted duty
Rated short-time making capacity I_{cm} : (A)	73,5kA
Rated ultimate short-circuit breaking capacity I_{cu} : (A)	35kA
Rated service short-circuit breaking capacity I_{cs} : (A)	22kA
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:0mm Top:50mm Bottom:50mm Left:0mm Right:0mm



LCIE – Laboratoire Central des Industries Electriques
33, avenue du Général Leclerc – BP8
FR 92 266 Fontenay aux Roses Cedex
www.lcie.fr



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

Date: 04/12/2020