

Ref. Certif. No.

FR_717559

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

CB TEST CERTIFICATE

Product

Moulded-case circuit-breaker

Name and address of the applicant

Zhejiang Changcheng Trading Co.,Ltd.
DianHou Village, Liushi Town, Yueqing City, Zhejiang
Zip Code:325604 - China

Name and address of the manufacturer

Changcheng Electrical Group Zhejiang Technology Co., Ltd.
DianHou Village, Liushi Town, Yueqing City, Zhejiang
Zip Code:325604 - China

Name and address of the factory

Changcheng Electrical Group Zhejiang Technology Co., Ltd.
DianHou Village, Liushi Town, Yueqing City, Zhejiang
Zip Code:325604 - China

Note: When more than one factory, please report on page 2

 Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

YCM1-125L

Additional information (if necessary may also be reported on page 2)

 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

B230042

This CB Test Certificate is issued by the National Certification Body

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 30/08/2023

Signature:
Gilles LEFANTIER
Certification Officer

ANNEX

References, ratings and main characteristics:

<i>Utilization category</i>	A
<i>Interruption medium</i>	Air
<i>Design</i>	Moulded case
<i>Method of controlling the operating mechanism</i>	Independent manual
<i>Suitability for isolation</i>	Suitable
<i>Provision for maintenance</i>	Non-maintainable
<i>Method of installation</i>	Fixed
<i>Protection degree :</i>	IP40 for front cover
<i>Rated operational voltage U_e : (V)</i>	415V~
<i>Rated insulation voltage U_i : (V)</i>	800V
<i>Rated impulse withstand voltage U_{imp} : (V)</i>	8kV
<i>Rated current I_e : (A)</i>	16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A
<i>Conventional free air thermal current I_{th} : (A)</i>	125A
<i>Conventional enclosed thermal current I_{the} : (A)</i>	N/A
<i>Rated current for four pole circuit-breakers : (A)</i>	N/A
<i>Rated frequency : (Hz)</i>	50/60Hz
<i>Nature of supply :</i>	AC
<i>Total number of poles :</i>	2P;3P;3P+N
<i>Number of protected poles :</i>	2P;3P
<i>Rated duty</i>	Uninterrupted duty
<i>Rated short-time making capacity I_{cm} : (A)</i>	52,5kA
<i>Rated ultimate short-circuit breaking capacity I_{cu} : (A)</i>	25kA
<i>Rated service short-circuit breaking capacity I_{cs} : (A)</i>	18kA
<i>Rated short-time withstand current I_{cw} : (A)</i>	N/A
<i>Electromagnetic compatibility</i>	Thermo-magnetic
<i>Instantaneous tripping current :</i>	10In
<i>Reference ambient calibration air temperature : (°C)</i>	40°C
<i>Pollution degree</i>	3
<i>Material group :</i>	IIIa
<i>safety distance (short-circuit tests) :</i>	Back:0mm Front:0mm; Top:50mm Bottom:50mm; Left:0mm Right:0mm



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
 33 avenue du Général Leclerc
 92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 30/08/2023



Signature: Gilles LEWIS
 Certification Officer

ANNEX

Rated current	Number of poles		
	2P	3P	3P+N
16A	YCM1-125L/2300 16A	YCM1-125L/3300 16A	YCM1-125L/4300 16A
20A	YCM1-125L/2300 20A	YCM1-125L/3300 20A	YCM1-125L/4300 20A
25A	YCM1-125L/2300 25A	YCM1-125L/3300 25A	YCM1-125L/4300 25A
32A	YCM1-125L/2300 32A	YCM1-125L/3300 32A	YCM1-125L/4300 32A
40A	YCM1-125L/2300 40A	YCM1-125L/3300 40A	YCM1-125L/4300 40A
50A	YCM1-125L/2300 50A	YCM1-125L/3300 50A	YCM1-125L/4300 50A
63A	YCM1-125L/2300 63A	YCM1-125L/3300 63A	YCM1-125L/4300 63A
80A	YCM1-125L/2300 80A	YCM1-125L/3300 80A	YCM1-125L/4300 80A
100A	YCM1-125L/2300 100A	YCM1-125L/3300 100A	YCM1-125L/4300 100A
125A	YCM1-125L/2300 125A	YCM1-125L/3300 125A	YCM1-125L/4300 125A



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
 33 avenue du Général Leclerc
 92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 30/08/2023

Signature: 
 Certification Officer