

# ATTESTATION OF CONFORMITY

Issued to: Zhejiang Changcheng Trading Co., Ltd.  
DianHou Village, Liushi Town 325604 Yueqing City Zhejiang, China

For the product: Moulded-Case Circuit-Breaker

Trade name: CNC

Type/Model: YCM7-250S, YCM7T/A-250S, YCM7RT-250S, YCM7-250M, YCM7T/A-250M, YCM7RT-250M

Ratings: Ue: 400 / 415 Vac, Ui: 800 V, Uimp: 8 kV  
In: 100 A, 125 A, 140 A, 150 A, 160 A, 175 A, 180 A, 200 A, 225 A, 250 A  
3P or 4P (3P+N, N pole without overcurrent protection)  
See annex for further ratings

Manufactured by: Changcheng Electrical Group Zhejiang Technology Co., Ltd.  
DianHou Village, Liushi Town 325604 Yueqing City Zhejiang, China

Subject: Type test

Requirements: EN 60947-2:2017, EN 60947-2:2017/A1:2020,  
IEC 60947-2:2016, IEC 60947-2:2016/A1:2019

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test report no. 3327533.50 issued on 2023-08-01.

This Attestation implies that the examined types are in accordance with the standards designated under the Low voltage directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Wenzhou, Zhejiang, 15 August 2023

Number: 3327533.01-AOC

DEKRA Testing Services (Zhejiang) Co., Ltd

Ms J Guo  
Certification Manager

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**Ratings**

Number of poles	: 3P or 4P (3P+N, N pole without overcurrent protection)
Rated operational voltage (Ue)	: 400 / 415 Vac
Rated insulation voltage (Ui)	: 800 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated frequency	: 50 / 60 Hz
Rated current (In)	: 100 A, 125 A, 140 A, 150 A, 160 A, 175 A, 180 A, 200 A, 225 A, 250 A
Conventional thermal current (Ith)	: Equal to In
Current rating for four-pole circuit-breakers	: Equal to In
Suitable for isolation	: Suitable
Selectivity category	: A
Safety distance (screen-circuit breaker)	: Front / Back: 0 mm Left / Right: 0 mm Up / Down: 50 mm
Time setting of the inverse time delay release	: Fixed trip time at 2 In: $30 \text{ s} \leq t \leq 600 \text{ s}$
Reference temperature	: 40 °C or 55 °C
Ambient temperature	: - 5 °C to 40 °C
Method of mounting	: Fixed
EMC Environment	: A and B
Tightening torque for terminals	: M8 / 6 Nm
Line/load terminal	: Marked
Connection	: Prepared copper conductor with cable lug or copper busbars

**Ratings – type YCM7-250S**

Rated ultimate short-circuit breaking capacity (Icu)	: 25 kA at 400/415 Vac
Rated service short-circuit breaking capacity (Ics)	: 18 kA at 400/415 Vac
Inverse time delay release	: Thermal type, Fixed
Instantaneous release	: Magnetic type, fixed li = 10 In

**Ratings – type YCM7T/A-250S**

Rated ultimate short-circuit breaking capacity (Icu)	: 25 kA at 400/415 Vac
Rated service short-circuit breaking capacity (Ics)	: 18 kA at 400/415 Vac
Inverse time delay release	: Thermal type, adjustable Ir: =0,8 In or 1,0 In
Instantaneous release	: Magnetic type, fixed li =10 In

**Ratings – type YCM7RT-250S**

Rated ultimate short-circuit breaking capacity (Icu)	: 25 kA at 400/415 Vac
Rated service short-circuit breaking capacity (Ics)	: 18 kA at 400/415 Vac
Inverse time delay release	: Thermal type, adjustable Ir: =0,8 In or 1,0 In
Instantaneous release	: Magnetic type, adjustable li =6 In or 10 In

**Ratings – type YCM7-250M**

Rated ultimate short-circuit breaking capacity (Icu)	: 35 kA at 400/415 Vac
Rated service short-circuit breaking capacity (Ics)	: 25 kA at 400/415 Vac
Inverse time delay release	: Thermal type, Fixed
Instantaneous release	: Magnetic type, fixed li = 10 In

**Ratings – type YCM7T/A-250M**

Rated ultimate short-circuit breaking capacity (Icu)	: 35 kA at 400/415 Vac
Rated service short-circuit breaking capacity (Ics)	: 25 kA at 400/415 Vac
Inverse time delay release	: Thermal type, adjustable Ir: =0,8 In or 1,0 In
Instantaneous release	: Magnetic type, fixed li =10 In

**Ratings – type YCM7RT-250M**

Rated ultimate short-circuit breaking capacity (I <sub>cu</sub> )	:	35 kA at 400/415 Vac
Rated service short-circuit breaking capacity (I <sub>cs</sub> )	:	25 kA at 400/415 Vac
Inverse time delay release	:	Thermal type, adjustable I <sub>r</sub> : =0,8 I <sub>n</sub> or 1,0 I <sub>n</sub>
Instantaneous release	:	Magnetic type, adjustable I <sub>i</sub> =6 I <sub>n</sub> or 10 I <sub>n</sub>

## Additional information

Nomenclature breakdown:

YCM7 RT - 250 M

a b c d

a - code denoting the series name: YCM7

b - code denoting the type of release: blank means both inverse time delay release and instantaneous release are all fixed or T/A means inverse time delay release is adjustable and instantaneous release is fixed or RT means both inverse time delay release and instantaneous release are all adjustable

c - code denoting the frame size: 250 A

d - code denoting the short-circuit capacity: S or M