CERTIFICATE

Issued to:
Applicant:
Wenzhou CHT Electric Co.,Ltd.
No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone
325025 Wenzhou Zhejiang, China

Licensee:
Wenzhou CHT Electric Co.,Ltd.
No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone
325025 Wenzhou Zhejiang, China

Product	:	Residual current operated circuit-breakers without integral overcurrent protection (RCCBs)
Trade name(s)	:	CHT
Type(s)/model(s)	:	DGL2-63

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard(s) EN 61008-1:2012, EN 61008-1:2012/A1:2014, EN 61008-1:2012/A2:2014, EN 61008-1:2012/A11:2015, EN 61008-1:2012/A12:2017, EN 61008-2-1:1994, EN 61008-2-1:1994/A11:1998, IEC 61008-1:2010, IEC 61008-1:2010/A1:2012, IEC 61008-1:2010/A2:2013 and IEC 61008-2-1:1990
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059280

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 12 June 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-123474

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Residual current operated circuit-breakers without integral overcurrent protection (RCCBs)
Trade name(s)	:	CHT
Type(s)/model(s)	:	DGL2-63
Number of poles	:	1P+N, 3P+N
Rated current (In)	:	40, 63 A
Rated residual current (IΔn)	:	0,03, 0,1, 0,3 A for general type and type G (A, AC, A-G, AC-G), 0,1, 0,3 A for type S (A-S, AC-S)
Rated voltage (Ue)	:	240 Vac for 1P+N, 415 Vac for 3P+N
Rated frequency	:	50 / 60 Hz
Behaviour to d.c. Components	:	Type A and type AC
Time delay	:	Without time delay for general type, With time delay for type S and type G
Dependent of the line voltage	:	No
Rated conditional short-circuit current (Inc)	:	10 kA
Rated conditional residual short-circuit current (IΔc)	:	10 kA
Rated making and breaking capacity (Im)	:	1 000 A
Rated residual making and breaking capacity (IΔm)	:	1 000 A
The grid distance "a"	:	50 mm
Ambient air temperature	:	-25 °C to +40 °C
Method of mounting	:	Flush-type, for mounting on top hat rail 35 mm (EN 50022)
Degree of protection against moisture	:	IP20
Connection	:	Screw type terminals
Markings	:	Trade name, type designation and electrical ratings are indicated on the body

TESTS

Test requirements

EN 61008-1:2012
EN 61008-1:2012/A1:2014
EN 61008-1:2012/A2:2014
EN 61008-1:2012/A11:2015
EN 61008-1:2012/A12:2017
EN 61008-2-1:1994
EN 61008-2-1:1994/A11:1998
IEC 61008-1:2010
IEC 61008-1:2010/A1:2012
IEC 61008-1:2010/A2:2013
IEC 61008-2-1:1990

Test result

The test results are laid down in DEKRA test file 331942500.

Additional information
The referred test report is 3319425.50.

Conclusion
The examination proved that all requirements were met.

Factory location
Wenzhou CHT Electric Co.,Ltd.
No.808, Ninth Binhai Road, Wenzhou Economic & Technological Development Zone
325025 Wenzhou Zhejiang, China

Limit values of break time and non-actuating time for alternating residual currents (r.m.s. values) for type AC and A RCCB:

Type	In A	$I_{\Delta}n$ A	Limit values of break time and non-actuating time (s) for type AC and A RCCB in event of alternating residual currents (r.m.s. values) equal to						
			$I_{\Delta}n$	2 $I_{\Delta}n$	5 $I_{\Delta}n$	5 $I_{\Delta}n$ or 0,25A	5 A ~ 200 A	500 A	
A/AC	40, 63	0,03	0,3	0,15		0,04	0,04	0,04	Maximum break times
		0,1 and 0,3	0,3	0,15	0,04		0,04	0,04	
S	40, 63	0,1 and 0,3	0,5	0,2	0,15		0,15	0,15	
			0,13	0,06	0,05		0,04	0,04	Minimum Non-operating times
G	40, 63	0,03	0,3	0,15		0,04	0,04	0,04	Maximum break times
		0,1 and 0,3	0,3	0,15	0,04		0,04	0,04	
		0,03, 0,1 and 0,3	0,01	0,01	0,01		0,01	0,01	Minimum Non-operating times