

# CERTIFICATE

Number: 2132409.01



Issued to:  
Applicant:  
**HPL India Limited**  
1/21, Asaf Ali Road  
110 002, New Delhi, India

Manufacturer/Licensee:  
**HPL India Limited**  
1/21, Asaf Ali Road  
110 002, New Delhi, India

Product(s) : circuit-breakers for overcurrent protection  
Trade name(s) : HPL  
Type(s)/model(s) : TECHNO

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

KEMA Quality hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60898-1:2003;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2132409

KEMA Quality 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 of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 2 September 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood  
Managing Director

H.L. Schendstok  
Certification Manager

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



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# CB TEST CERTIFICATE

Ref. Certificate No.

NL-18976

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

Issued by:	KEMA Quality B.V.		
Product:	circuit-breakers for overcurrent protection		
Applicant:	HPL India Limited	1/21, Asaf Ali Road 110 002, New Delhi	India
Manufacturer:	HPL India Limited	1/21, Asaf Ali Road 110 002, New Delhi	India
Factory:	HPL Electric & Power	Village & Post Office, 173 209, Solan	India
Rating and principal characteristics:	6, 10, 16, 20, 25, 32 and 40 A; 1p / 1p+N: 230 Vac; 2-pole / 3-pole / 3-pole + N: 415 Vac, type B and C Icn=Ics=6000 A;		
Trade mark (if any):	HPL		
Type of Manufacturer's Testing Laboratories used:	WMT		
Model/Type reference:	TECHNO		
Additional information:			
Sample of product tested to be in conformity with IEC:	60898-1(ed.1);am1;am2		
Test Report Ref. No:	2132409.50 up to .52		

This CB Test Certificate is issued by the National Certification Body:

KEMA Quality B.V.  
Utrechtseweg 310  
P.O. Box 5185  
6802 ED Arnhem  
The Netherlands



# KEMA Quality

a DEKRA company

Signed by: H.L. Schendstok

Date of issue: 2010-09-02

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

product	:	circuit-breakers for overcurrent protection
trade name(s)	:	HPL
type(s)	:	TECHNO
rated current (In)	:	6 A, 10 A, 16 A, 20 A, 25 A, 32 A and 40 A
rated voltage (Un)	:	1-pole / 1-pole + N : 240 V 2-pole / 3-pole / 3-pole + N: 415 V
number of poles	:	1-pole / 1-pole + N / 2-pole / 3-pole / 3-pole + N
range of instantaneous tripping overcurrent	:	characteristics B and C
rated short-circuit capacity (Icn)	:	6000 A
rated service short-circuit capacity (Ics)	:	6000 A
energy limiting class	:	3
distance between the RC Unit and other devices	:	55 mm
temperature limit	:	30 °C
method of mounting	:	flush type, for mounting on top hat rail 35 mm (EN 50022)
degree of protection against moisture	:	ordinary
insulating material	:	thermoplastic material
markings	:	type designation and electrical ratings are shown on the body

## TESTS

### Test requirements

EN 60898-1:2003 + A1:2004 + A11:2005

### Test result

The test results are laid down in KEMA Quality test file 2132409.01.

### Conclusion

The examination proved that all test requirements were met.

Tested by : Brij P. Aggarwal



Checked by : F.S. Strikwerda



### Factory locations

HPL Electric & Power Ltd.  
Village & Post Office, 173 209, Solan  
India



KEMA-KEUR CONTRACT



Contract number: 2132409

Parties:

KEMA Quality B.V., having its seat in ARNHEM, Nederland, hereinafter to be referred to as "KEMA" and

HPL India Limited, having its seat in NEW DELHI, India, hereinafter to be referred to as "The Other Party",

have come to the following agreement:

- 1 KEMA hereby grants The Other Party the right to use the KEMA-KEUR certification mark and additional specification as depicted in the KEMA-KEUR certificates presented to it in relation to the products and standards specified in such certificates.
2 This contract is subject to the last version of the General Terms and Conditions for the Performance of Assessment and Certification Services, which in accordance with the relevant quotation or order confirmation form an inseparable part of this contract.
3 The Other Party shall pay KEMA an agreed compensation for contract costs, depending on the number of product types and/or production locations.
4 The Other Party shall co-operate in checks and inspections which KEMA considers necessary and see to it that KEMA or its representative is granted access to the appropriate production location(s). Inspections shall be charged on the basis of the rates then applicable. Invoices will be sent to the addresses of the production locations in question.
5 This contract shall become effective as per the date of presenting the first certificate.

Thus duly agreed, drafted and signed in duplicate:

For HPL India Limited:

For KEMA Quality B.V.:

New Delhi (place)

Arnhem

06.02.2010 (date)

11-02-2010 (date)

Sunil Kumar (signature)

[Signature] (signature)

SUNIL KUMAR (name)

drs. G.J. Zoetbrood

Head - Global Sales & Mktg. (title)

Managing Director

