



Ref. Certif. No.

FR 685599

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE / CERTIFICAT D'ESSAI OC

Product
Produit

Switch-disconnector

Name and address of the applicant
Nom et adresse du demandeur

HIMEL TECHNOLOGY, S.L.
calle bac de Roda, No. 52 edificio A - 08019 BARCELONA - Spain

Name and address of the manufacturer
Nom et adresse du fabricant

DELIXI ELECTRIC LTD
Delixi High Tech Industrial Park, Liushi Town, Yueqing City, Zhejiang Province 325604 - China

Name and address of the factory
Nom et adresse de l'usine

DELIXI ELECTRIC LTD
Delixi High Tech Industrial Park, Liushi Town, Yueqing City, Zhejiang Province 325604 - China

Note : When more than one factory, please report on page 2
Note : Lorsqu'il y a plus d'une usine, veuillez utiliser la 2ème page

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

See annex 1

Trademark (if any)
Marque de fabrique (si elle existe)



Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

/

Model / Type Ref.
Ref. De type

Series HDG3
References see annex 1

Additional information (if necessary may also be reported on page 2)
Informations complémentaires (si nécessaire, peuvent être indiquées sur la 2ème page)

Maintenance of the CBTC n° 684818 (new licence holder, new trade mark and new references)

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

PUBLICATION

EDITION

IEC 60947-1:2007 +A1:2010
IEC 60947-3:2008(ed.3) +A1:2012

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

B150072-00 to B150072-08, B150073

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



Laboratoire Central des Industries Électriques

33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr



Date:

2016-04-18

Signature:

Annex 1

REFERENCES AND PRINCIPAL CHARACTERISTICS

Type	Ie, Iu (A)	Ue (V)	Number of poles
HDG3 125A	125	400	4
HDG3 100A	100	400	4
HDG3 80A	80	400	4
HDG3 63A	63	400	4
HDG3 40A	40	400	4
HDG3 32A	32	400	4
HDG3 25A	25	400	4
HDG3 20A	20	400	4
HDG3 125A	125	400	3
HDG3 100A	100	400	3
HDG3 63A	63	400	3
HDG3 80A	80	400	3
HDG3 32A	32	400	3
HDG340A	40	400	3
HDG325A	25	400	3
HDG3 20A	20	400	3
HDG3 125A	125	400	2
HDG3100A	100	400	2
HDG3 63A	63	400	2
HDG3 80A	80	400	2
HDG340A	40	400	2
HDG32A	32	400	2
HDG3 5A	25	400	2
HDG3 20A	20	400	2
HDG3 125A	125	230	1
HDG3 100A	100	230	1
HDG3 80A	80	230	1
HDG3 63A	63	230	1
HDG3 40A	40	230	1
HDG332A	32	230	1
HDG3 25A	25	230	1
HDG3 20A	20	230	1

Utilization category	AC-22A
Method of manually operated equipment	Dependent manual operation
Suitability for isolation	Suitable
Protection degree	IP20
Number of poles	See above table
Nature of supply	~
Rated operational voltage Ue (V)	See above table
Rated insulation voltage Ui (V)	500 V
Rated impulse withstand voltage Uimp (V)	6 kV
Conventional free air thermal current Ith (A)	63 A, 125 A
Rated operational current Ie (A)	See above table
Rated uninterrupted current Iu (A)	See above table
Rated frequency (Hz)	50/60 Hz
Rated short-time withstand current Icw (A)	20Ie/1s
Rated short-circuit making capacity Icm (A)	28,1Ie
Material group	IIIa
Type of terminals	Screw-type
Nominal diameter of thread (mm)	5,0mm (20A, 25A, 32A, 40A, 63A) 7,0mm (80A, 100A, 125A)
Tightening torque (Nm)	2,0Nm (20A, 25A, 32A, 40A, 63A) 3,5Nm (80A, 100A, 125A)
Connecting capacity	
Minimum cross section (mm ²) / number of conductors	2,5mm ² / 1 / rigid
Maximum cross section (mm ²) / number of conductors	16mm ² / 1 / rigid
Mini/Maxi cross section (mm ²) / number of conductors	2,5/16mm ² / 1+1 / rigid

Additional Information (if necessary)
Informations complémentaires (si nécessaire)



Laboratoire Central des Industries Électriques
33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr



Date: 2016-04-18

Signature:

Gilles MONNIER
Certification Officer