

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

CB TEST CERTIFICATE

Product

Low-voltage switchgear and controlgear:
Contactors and motor-starters

Name and address of the applicant

HIMEL HONG KONG LIMITED
11/F Kerry Ctr 683 King's Rd Quarry Bay Hong Kong

Name and address of the manufacturer

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

Name and address of the factory

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

See page 5

Ratings and principal characteristics

See page 2, 3 and 4

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

-

Model / Type Ref.

HDC3-****

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

See page 5

A sample of the product was tested and found to be in conformity with

IEC 60947-4-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

201200600SHA-001, 201200600SHA-002, 201200600SHA-003,
201200600SHA-004, 201200600SHA-005

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

intertek

Signature:

Henrik Wikström

Date: 29 January, 2021

Ratings and principal characteristics

Model:	HDC3-06				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =16A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =1kA/690V, I _q =20kA/400V				
Category:	AC-3		AC-4		
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	6,0A	6,0A	3,8A	2,6A	1,0A
Auxiliary contact:	1NC or 1NO				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
U _e :	220V	380V	220V		
I _e :	1,6A	0,95A	0,15A		

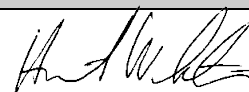
Model:	HDC3-09, HDC3-09N				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =25A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =1kA/690V, I _q =20kA/400V				
Category:	AC-3		AC-4		
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	9,0A	9,0A	6,6A	3,5A	1,5A
Auxiliary contact:	1NC or 1NO or 1NO1NC				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
U _e :	220V	380V	220V		
I _e :	1,6A	0,95A	0,15A		

Model:	HDC3-12, HDC3-12N				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =25A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =1kA/690V, I _q =20kA/400V				
Category:	AC-3		AC-4		
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	12A	12A	8,9A	5,0A	2,0A
Auxiliary contact:	1NC or 1NO or 1NO1NC				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
U _e :	220V	380V	220V		
I _e :	1,6A	0,95A	0,15A		

Model:	HDC3-18, HDC3-18N				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =32A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =3kA/690V, I _q =20kA/400V				
Category:	AC-3		AC-4		
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	18A	18A	12A	7,7A	3,8A
Auxiliary contact:	1NC or 1NO or 1NO1NC				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
U _e :	220V	380V	220V		
I _e :	1,6A	0,95A	0,15A		

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Model:	HDC3-25, HDC3-25N				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =40A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =3kA/690V, I _q =20kA/400V				
Category:	AC-3			AC-4	
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	25A	25A	18A	8,5A	4,4A
Auxiliary contact:	1NC or 1NO or 1NO1NC				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15			DC-13	
U _e :	220V	380V		220V	
I _e :	1,6A	0,95A		0,15A	

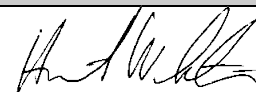
Model:	HDC3-32, HDC3-32N				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =50A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =3kA/690V, I _q =20kA/400V				
Category:	AC-3			AC-4	
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	32A	32A	22A	12A	7,5A
Auxiliary contact:	1NC or 1NO or 1NO1NC				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15			DC-13	
U _e :	220V	380V		220V	
I _e :	1,6A	0,95A		0,15A	

Model:	HDC3-38, HDC3-38N				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =50A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =3kA/690V, I _q =20kA/400V				
Category:	AC-3			AC-4	
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	38A	38A	22A	14A	8,9A
Auxiliary contact:	1NC or 1NO or 1NO1NC				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15			DC-13	
U _e :	220V	380V		220V	
I _e :	1,6A	0,95A		0,15A	

Model:	HDC3-40, HDC3-40N				
Ratings:	U _i =690V, U _{imp} =6kV, I _{th} =60A, U _s =AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), I _r =3kA/690V, I _q =20kA/400V				
Category:	AC-3			AC-4	
U _e :	220/230V	380/400V	660/690V	380/400V	660/690V
I _e :	40A	40A	34A	18,5A	9A
Auxiliary contact:	1NC1NO				
Ratings:	I _{th} =10A, conditional short-circuit current: 1kA				
Category:	AC-15			DC-13	
U _e :	220V	380V		220V	
I _e :	1,6A	0,95A		0,15A	

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Model:	HDC3-50, HDC3-50N				
Ratings:	Ui=690V, Uimp=6kV, Ith=80A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Iq=20kA/400V				
Category:	AC-3		AC-4		
Ue:	220/230V	380/400V	660/690V	380/400V	660/690V
Ie:	50A	50A	39A	24A	12A
Auxiliary contact:	1NO1NC				
Ratings:	Ith=10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
Ue:	220V	380V	220V		
Ie:	1,6A	0,95A	0,15A		

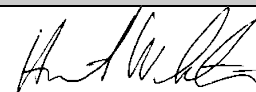
Model:	HDC3-65, HDC3-65N				
Ratings:	Ui=690V, Uimp=6kV, Ith=80A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Ir=5kA/400V, Iq=20kA/400V				
Category:	AC-3		AC-4		
Ue:	220/230V	380/400V	660/690V	380/400V	660/690V
Ie:	65A	65A	42A	28A	14A
Auxiliary contact:	1NO1NC				
Ratings:	Ith=10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
Ue:	220V	380V	220V		
Ie:	1,6A	0,95A	0,15A		

Model:	HDC3-80, HDC3-80N				
Ratings:	Ui=690V, Uimp=6kV, Ith=125A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Ir=5kA/400V, Iq=20kA/400V				
Category:	AC-3		AC-4		
Ue:	220/230V	380/400V	660/690V	380/400V	660/690V
Ie:	80A	80A	49A	37A	17,3A
Auxiliary contact:	1NO1NC				
Ratings:	Ith=10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
Ue:	220V	380V	220V		
Ie:	1,6A	0,95A	0,15A		

Model:	HDC3-95, HDC3-95N				
Ratings:	Ui=690V, Uimp=6kV, Ith=125A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, 380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Ir=5kA/400V, Iq=20kA/400V				
Category:	AC-3		AC-4		
Ue:	220/230V	380/400V	660/690V	380/400V	660/690V
Ie:	95A	95A	49A	44A	21,3A
Auxiliary contact:	1NO1NC				
Ratings:	Ith=10A, conditional short-circuit current: 1kA				
Category:	AC-15		DC-13		
Ue:	220V	380V	220V		
Ie:	1,6A	0,95A	0,15A		

Date: 29 January, 2021

Signature:



Factories

DELIXI ELECTRIC LTD

Delixi High Tech Industrial Park, Liushi Town, Yueqing City, Zhejiang Province, 325604 China

DELIXI ELECTRIC (WUHU) LTD

Wuhu Machinery Industrial Park, Wuhu City, Anhui Province, 241100 China

Additional information

Auxiliary circuit according with IEC 60947-5-1: 2016, the report No. are 201200600SHA-006, -007, -008, -009, -010.

Model explanation:

HDC 3 - * * * *
a) b) c) d) e) f)

- a): Alternating current contactor
- b): Design No.
- c): the rated operational current (under 380/400V of AC-3 category)
- d): NO Auxiliary contactor
- e): NC Auxiliary contactor
- f): Conventional: Omitted, N: reversible AC Contactor

Note: Number of NO, NC auxiliary contact and the combination type:10, 01, 11
(for 06A, only 01 or 10; for 09~38A, can be 01 or 10 or 11; for 40~95A, only 11)

Date: 29 January, 2021

Signature:

