



Test Verification of Conformity

Verification Number: 201200605SHA-V1

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	HIMEL HONG KONG LIMITED 11/F KERRY CTR 683 KING'S RD QUARRY BAY HONG KONG
Manufacturing site Name&Address:	DELIXI ELECTRIC(WUHU) LTD Wuhu Machinery Industrial Park, Wuhu City, Anhui Province, China 241100 DELIXI ELECTRIC LTD Delixi High Tech Industrial Park, Liushi Town, Yueqing City, Zhejiang Province, China 325604
Product Description:	AC Contactors
Ratings & Principle Characteristics:	See Appendix page
Models/Type References:	HDC3-*
Brand Name(s):	
Standard(s)/Directive(s):	EN IEC 60947-4-1:2019 EN 60947-5-1:2017 Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Date of tests	2019-02-01 to 2020-10-20
Test Report Number(s):	201200605SHA-001, -002, -003, -004



Signature

Name: Oliver Wei

Position: Manager

Date: 26 January 2021

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 201200605SHA-V1.

Rating and principal characteristics:

	HDC3-120	HDC3-160	HDC3-185	HDC3-225
Main Circuit:				
Other information	Coil: 48~130V, 100~250V, 250~500V, AC/DC, 50~60Hz; 110, 127, 220, 380V, AC, 50Hz, 3P; Ui=1000V, Uimp=8kV;			
Ith:	200A	200A	275A	275A
AC-1	Ue: 1000Vac	Ue: 1000Vac	Ue: 1000Vac	Ue: 1000Vac
	Ie: 200A	Ie: 200A	Ie: 275A	Ie: 275A
AC-3	Ue: 220/230Vac	Ue: 220/230Vac	Ue: 220/230Vac	Ue: 220/230Vac
	Ie: 120A	Ie: 160A	Ie: 185A	Ie: 225A
	Ue: 380/400Vc	Ue: 380/400Vc	Ue: 380/400Vc	Ue: 380/400Vc
	Ie: 120A	Ie: 160A	Ie: 185A	Ie: 225A
	Ue: 660/690Vac	Ue: 660/690Vac	Ue: 660/690Vac	Ue: 660/690Vac
	Ie: 86A	Ie: 107A	Ie: 107A	Ie: 118A
AC-4	Ue: 220/230Vac	Ue: 220/230Vac	Ue: 220/230Vac	Ue: 220/230Vac
	Ie: 54A	Ie: 68A	Ie: 81A	Ie: 96A
	Ue: 380/400Vc	Ue: 380/400Vc	Ue: 380/400Vc	Ue: 380/400Vc
	Ie: 54A	Ie: 68A	Ie: 81A	Ie: 96A
	Ue: 660/690Vac	Ue: 660/690Vac	Ue: 660/690Vac	Ue: 660/690Vac
	Ie: 48A	Ie: 57A	Ie: 65A	Ie: 85A
Ir	10kA/400V 5kA/690V	10kA/400V 5kA/690V	10kA/400V 10kA/690V	10kA/400V 10kA/690V
Iq	50kA/400V	50kA/400V	50kA/400V	50kA/400V
Auxiliary Circuit: HC4-11				
Ratings:	Ith=10A			1NO, 1NC
AC-15	Ue: 230Vac	Ue: 380Vac	Ue: 690Vac	
	Ie: 3,13A	Ie: 1,89A	Ie: 1,04A	
DC-13	Ue: 125Vdc	Ue: 220Vdc		
	Ie: 0,55A	Ie: 0,31A		
Other information:	Uimp=6kV, Ui=690V, 50/60Hz, Iq=1kA			

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 201200605SHA-V1.

	HDC3-265		HDC3-330		HDC3-400	
Main Circuit:						
Other information	Coil: 48~130V, 100~250V, 250~500V, AC/DC, 50~60Hz, 110V, 127V, 220V,380V, AC, 50~60Hz 3P; Ui=1000V, Uimp=8kV; Ir=10kA, Iq=50kA;					
Ith:	315A		380A		450A	
AC-1	Ue:	1000Vac	Ue:	1000Vac	Ue:	1000Vac
	Ie:	315A	Ie:	380A	Ie:	450A
AC-3	Ue:	220/230Vac	Ue:	220/230Vac	Ue:	220/230Vac
	Ie:	265A	Ie:	330A	Ie:	400A
	Ue:	380/400Vc	Ue:	380/400Vc	Ue:	380/400Vc
	Ie:	265A	Ie:	330A	Ie:	400A
	Ue:	660/690Vac	Ue:	660/690Vac	Ue:	660/690Vac
	Ie:	170A	Ie:	225A	Ie:	303A
AC-4	Ue:	220/230Vac	Ue:	220/230Vac	Ue:	220/230Vac
	Ie:	117A	Ie:	125A	Ie:	150A
	Ue:	380/400Vc	Ue:	380/400Vc	Ue:	380/400Vc
	Ie:	117A	Ie:	125A	Ie:	150A
	Ue:	660/690Vac	Ue:	660/690Vac	Ue:	660/690Vac
	Ie:	105A	Ie:	115A	Ie:	135A
Ir	18kA/400V 10kA/690V		18kA/400V 10kA/690V		18kA/400V 10kA/690V	
Iq	50kA/400V		50kA/400V		50kA/400V	
Auxiliary Circuit: HC4-11						
Ratings:	Ith=10A				1NO, 1NC	
AC-15	Ue:	230Vac	Ue:	380Vac	Ue:	690Vac
	Ie:	3,13A	Ie:	1,89A	Ie:	1,04A
DC-13	Ue:	125Vdc	Ue:	220Vdc		
	Ie:	0,55A	Ie:	0,31A		
Other information:	Uimp=6kV, Ui=690V, 50/60Hz, Iq=1kA					

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 201200605SHA-V1.

	HDC3-500	HDC3-630	
Main Circuit:			
Other information	Coil: 48~130V, 100~250V, 250~500V, AC/DC, 50~60Hz, 110V, 127V, 220V, 380V, AC, 50~60Hz 3P; U _i =1000V, U _{imp} =8kV; I _r =18kA, I _q =50kA;		
I _{th} :	630A	700A	
AC-1	U _e : 1000Vac	U _e : 1000Vac	
	I _e : 630A	I _e : 700A	
AC-3	U _e : 220/230Vac	U _e : 220/230Vac	
	I _e : 500A	I _e : 630A	
	U _e : 380/400Vc	U _e : 380/400Vc	
	I _e : 500A	I _e : 630A	
	U _e : 660/690Vac	U _e : 660/690Vac	
	I _e : 353A	I _e : 400A	
AC-4	U _e : 220/230Vac	U _e : 220/230Vac	
	I _e : 175A	I _e : 225A	
	U _e : 380/400Vc	U _e : 380/400Vc	
	I _e : 175A	I _e : 225A	
	U _e : 660/690Vac	U _e : 660/690Vac	
	I _e : 150A	I _e : 200A	
I _r	18kA/690V	18kA/690V	
I _q	50kA/400V	50kA/400V	
Auxiliary Circuit: HC4-11			
Ratings:	I _{th} =10A		1NO, 1NC
AC-15	U _e : 230Vac	U _e : 380Vac	U _e : 690Vac
	I _e : 3,13A	I _e : 1,89A	I _e : 1,04A
DC-13	U _e : 125Vdc	U _e : 220Vdc	
	I _e : 0,55A	I _e : 0,31A	
Other information:	U _{imp} =6kV, U _i =690V, 50/60Hz, I _q =1kA		



Signature

Name: Oliver Wei

Position: Manager

Date: 26 January 2021

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.