



# CERTIFICATE

## FOR EUROPEAN PRODUCT SAFETY

Reference No. SE-S-2100042

# Low-voltage switchgear and controlgear – AC Contactors

**Type designation:**

HDC3- \*

**Certificate holder:**

HIMEL HONG KONG LIMITED  
11/F KERRY CTR 683 KING'S RD QUARRY BAY  
HONG KONG

**The product complies with  
the standard(s):**

EN 60947-5-1:2017,  
EN IEC 60947-4-1:2019

**Date of expiry:**

13 January, 2026

**EU Directive information:**

According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix

**Certification Body:**

Intertek Semko AB, Product Certification

**Place:** Kista - Stockholm

**Signed:**

**Date:** 13 January, 2021

Henrik Wikström

## APPENDIX:

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### Technical Data:

Type designation HDC3- \*

Frequency (Hz) 50/60

IP-Class 20

Poles No. 3

Trademark 

Test Report 201200605SHA-001, -002, -003, -004

Product information Explanation of type designation HDC3- \*:

The symbol '\*' denotes the max rated current: 120, 160, 185, 225, 265, 330, 400, 500, 630

	HDC3-120	HDC3-160	HDC3-185	HDC3-225
<b>Main Circuit:</b>				
Other information	Coil: 48~130V, 100~250V, 250~500V, AC/DC, 50~60Hz; 110, 127, 220, 380V, AC, 50Hz; 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
AC-4	Ue: 660/690Vac	Ue: 660/690Vac	Ue: 660/690Vac	Ue: 660/690Vac
	Ie: 86A	Ie: 107A	Ie: 107A	Ie: 118A
	Ue: 220/230Vac	Ue: 220/230Vac	Ue: 220/230Vac	Ue: 220/230Vac
	Ie: 54A	Ie: 68A	Ie: 81A	Ie: 96A
AC-4	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	10kA/400V	10kA/400V	10kA/400V
	5kA/690V	5kA/690V	10kA/690V	10kA/690V
Iq	50kA/400V	50kA/400V	50kA/400V	50kA/400V
<b>Auxiliary Circuit: HC4-11</b>				
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			

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	HDC3-265	HDC3-330	HDC3-400
<b>Main Circuit:</b>			
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
AC-4	Ie: 170A	Ie: 225A	Ie: 303A
	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
Ir	Ue: 660/690Vac	Ue: 660/690Vac	Ue: 660/690Vac
	Ie: 105A	Ie: 115A	Ie: 135A
Iq	18kA/400V 10kA/690V	18kA/400V 10kA/690V	18kA/400V 10kA/690V
Iq	50kA/400V	50kA/400V	50kA/400V
<b>Auxiliary Circuit: HC4-11</b>			
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		

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



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**Manufacturing Sites:**

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

DELIXI ELECTRIC (WUHU) LTD  
Wuhu Machinery Industrial Park, Wuhu City, Anhui Province,  
China 241100

According to the principle of presumption of conformity, this certificate, which includes production control, constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU.

This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

**Certification Body:**

Intertek Semko AB, Product Certification

**Place:** Kista - Stockholm

**Signed:**



**Date:** 13 January, 2021

Henrik Wikström