



Reference No. SE-S-2100161

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

Type designation: HDC3-****

Certificate holder: HIMEL HONG KONG LIMITED

11/F Kerry Crt 683 King's Rd Quarry Bay

Hong Kong

The product complies with

the standard(s):

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

Date of expiry: 29 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: 29 January, 2021

Henrik Wikström

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Intertek Semko AB Page 1 of 3



Reference No. SE-S-2100161

Technical Data:

Type designation: HDC3-06

Main circuit

Utilization Category: AC-3 AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690 Rated current (A): 6,0 6,0 3,8 2,6 1,0

IP-Class 20 Frequency (Hz) 50/60 Poles No 3P

Test Report 201200600SHA-001

Trademark Himel

Product information Ui=690V, Uimp=6kV, Ith=16A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V,

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=1kA/690V, Iq=20kA/400V

Auxiliary contact: 1NO or 1NC

Utilization Category:AC-15DC-13Rated voltage (V):220V380V220VRated current (A):1,6A0,95A0,15A

Product information: Ith= 10A, conditional short-circuit current: 1kA

Test Report 201200600SHA-006

Type designation HDC3-09, HDC3-09N

Main circuit

Utilization Category: AC-3 AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690 Rated current (A): 9,0A 9,0A 6,6A 3,5A 1,5A

IP-Class20Frequency (Hz)50/60Poles No3P

Test Report 201200600SHA-002

Trademark | Himel |

Product information Ui=690V, Uimp=6kV, Ith=25A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V,

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=1kA/690V, Iq=20kA/400V

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Intertek Semko AB Page 2 of 7

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Reference No. SE-S-2100161

Type designation

HDC3-12, HDC3-12N

Main circuit

Utilization Category: AC-3

AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690 Rated current (A): 12A 12A 8,9A 5,0A 2,0A

IP-Class 20 Frequency (Hz) 50/60 Poles No

201200600SHA-002 Test Report

Trademark

| Himel | Ui=690V, Uimp=6kV, Ith=25A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V,

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=1kA/690V, Iq=20kA/400V

660/690

12A

Type designation:

Product information

HDC3-18, HDC3-18N

Main circuit

AC-3 *Utilization Category:*

AC-4

Rated voltage (V): 220/230

380/400 660/690 7,7A 3,8A

Rated current (A): 18A IP-Class 20 Frequency (Hz) 50/60

Poles No

Test Report 201200600SHA-002

Trademark

[Himel

Ui=690V, Uimp=6kV, Ith=32A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, **Product** information

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Iq=20kA/400V

1NC or 1NO or 1NC1NO Auxiliary contact:

AC-15 DC-13 *Utilization Category:* 220V 380V 220V Rated voltage (V): Rated current (A): 1,6A 0,95A 0,15A

380/400

18A

Product information: Ith= 10A, conditional short-circuit current: 1kA

Test Report 201200600SHA-007

Type designation

HDC3-25, HDC3-25N

Main circuit

Utilization Category: AC-3 AC-4

220/230 380/400 660/690 380/400 660/690 *Rated voltage (V):* Rated current (A): 25A 18A 8,5A 4.4A 25A

IP-Class 20 Frequency (Hz) 50/60 3P Poles No

201200600SHA-003 Test Report

Trademark [Himel]

Ui=690V, Uimp=6kV, Ith=40A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V, **Product** information

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Iq=20kA/400V

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Intertek Semko AB Page 3 of 7



Reference No. SE-S-2100161

Type designation: HDC3-32, HDC3-32N

Main circuit

Utilization Category: AC-3 AC-4

 Rated voltage (V):
 220/230
 380/400
 660/690
 380/400
 660/690

 Rated current (A):
 32A
 32A
 22A
 12A
 7,5A

 IP-Class
 20

 Frequency (Hz)
 50/60

 Poles No
 3P

Test Report 201200600SHA-003

Trademark Himel

Product information Ui=690V, Uimp=6kV, Ith=50A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V,

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Iq=20kA/400V

Type designation HDC3-38, HDC3-38N

Main circuit

Utilization Category: AC-3 AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690
Rated current (A): 38A 38A 22A 14A 8,9A

 IP-Class
 20

 Frequency (Hz)
 50/60

 Poles No
 3P

Test Report 201200600SHA-003

Trademark (Himel)

Product information Ui=690V, Uimp=6kV, Ith=50A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V,

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Iq=20kA/400V

Auxiliary contact: 1NC or 1NO or 1NC1NO

Utilization Category:AC-15DC-13Rated voltage (V):220V380V220VRated current (A):1,6A0,95A0,15A

Product information: Ith= 10A, conditional short-circuit current: 1kA

Test Report 201200600SHA-008

Type designation: HDC3-40, HDC3-40N

Main circuit

Utilization Category: AC-3 AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690 Rated current (A): 40A 40A 34A 18,5A 9A

IP-Class 20 Frequency (Hz) 50/60

Poles No 3P

Test Report 201200600SHA-004

Trademark Himel

Product information Ui=690V, Uimp=6kV, Ith=60A, Us=AC24V, 36V, 48V, 110V, 127V, 220/230V, 240V,

380/400V, 415V, 440V(50Hz, 50/60Hz), Ir=3kA/690V, Iq=20kA/400V

Intertek Semko AB Page 4 of 7

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Reference No. SE-S-2100161

Type designation: HDC3-50, HDC3-50N

Main circuit

Utilization Category: AC-3 AC-4

 Rated voltage (V):
 220/230
 380/400
 660/690
 380/400
 660/690

 Rated current (A):
 50A
 50A
 39A
 24A
 12A

 IP-Class
 20

 Frequency (Hz)
 50/60

 Poles No
 3P

Test Report 201200600SHA-004

Trademark Himel

Product information 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

Type designation: HDC3-65, HDC3-65N

Main circuit

Utilization Category: AC-3 AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690 Rated current (A): 65A 65A 42A 28A 14A

 IP-Class
 20

 Frequency (Hz)
 50/60

 Poles No
 3P

Test Report 201200600SHA-004

Trademark (Himel)

Product information 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

Auxiliary contact: 1NC1NO

 Utilization Category:
 AC-15
 DC-13

 Rated voltage (V):
 220V
 380V
 220V

 Rated current (A):
 1,6A
 0,95A
 0,15A

Product information: Ith= 10A, conditional short-circuit current: 1kA

Test Report 201200600SHA-009

Type designation: HDC3-80, HDC3-80N

Utilization Category: AC-3 AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690 Rated current (A): 80A 80A 49A 37A 17,3A

 IP-Class
 20

 Frequency (Hz)
 50/60

 Poles No
 3P

Test Report 201200600SHA-005

Trademark Himel

Product information 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

Intertek Semko AB Page 5 of 7

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Reference No. SE-S-2100161

Type designation: HDC3-95, HDC3-95N

Utilization Category: AC-3 AC-4

Rated voltage (V): 220/230 380/400 660/690 380/400 660/690 Rated current (A): 95A 95A 49A 44A 21,3A

 IP-Class
 20

 Frequency (Hz)
 50/60

 Poles No
 3P

Test Report 201200600SHA-005

Trademark | Himel |

Product information 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

Auxiliary contact: 1NC1NO

 Utilization Category:
 AC-15
 DC-13

 Rated voltage (V):
 220V
 380V
 220V

 Rated current (A):
 1,6A
 0,95A
 0,15A

Product information: Ith= 10A, conditional short-circuit current: 1kA

Test Report 201200600SHA-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 $09 \sim 38A$, can be 01 or 10 or 11; for $40 \sim 95A$, only 11)

Manufacturing Sites: 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

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Reference No. SE-S-2100161

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.

The instruction for use shall be written in a language acceptable according to the national regulation in the country where the product is to be used.



Certification Body: Intertek Semko AB, Product Certification **Place:** Kista - Stockholm

Signed: Date: 29 January, 2021

Henrik Wikström

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Intertek Semko AB Page 7 of 7