

# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*

R 50720835 0001

**Berichtsnummer** *Report No.:*

CN26COKB 002

**Genehmigungsinhaber** *License Holder:*

HIMEL HONG KONG LIMITED

11/F KERRY CTR

683 KING'S RD QUARRY BAY

Hong Kong

**Fertigungsstätte** *Manufacturing Site:*

040-0002007190

**Prüfzeichen** *Test Mark:*



Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111315428

**Geprüft nach** *Tested according to:*

EN IEC 60947-6-1:2023

## Geräteidentifikation

### Product Identification

**Produkt:**

Automatic Transfer Switch

*Product:*

(Automatic Transfer Switching Equipment)

**Modell:**

Modelle sind auf nächste(r) Seite(n) gelistet

*Type:*

*Type designation(s) are listed on the next page(s)*

**Technische Daten:**

Technische Daten auf nächste(r) Seite(n) gelistet

*Technical Data:*

*Technical Data is listed on the next page(s)*

**Gültig ab:**

2026-03-27

*Valid from:*

**Zertifizierungsstelle:**

*Certification body:*

**Ausstellungsdatum:**

2026-03-27

*Date of issue:*

Ye Ding



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

*This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935

# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*

R 50720835 0001

**Berichtsnummer** *Report No.:*

CN26COKB 002

**Produkt** *Product:* Automatic Transfer Switch  
(Automatic Transfer Switching Equipment)

**Modell** *Type:* **Bezeichnung** *Designation:*  
HDQ1S- 100 \* \* \* \*  
1 2 3 4 5

1. Frame size rating current(A): 100, 160, 250, 800, 1600, 3200
2. Number of poles: 2, 3, 4
3. Rated current (A)
4. Controller type: Basic type: P; LED type: G; LCD type: D
5. Power top supply: U; Power bottom supply: D

Trademark : Himel

Further ratings for Models : HDQ1S-100  
 Class of Equipment : PC  
 Method of Controlling : ATSE  
 Utilization Category : AC-32B, AC-33B  
 Number of Poles : 2P, 3P, 4P  
 Impulse Withstand Voltage (Uimp): 8kV  
 Rated Insulation Voltage (Ui) : 800V  
 Suitability for Isolation : Yes  
 Pollution Degree : 3  
 Rated Operation Voltage (Ue) : AC230V(2P), AC400V(3P, 4P)  
 Rated Frequency : 50Hz, 50/60Hz  
 Conventional Free Air Thermal Current(Ith) : 100A  
 Rated Operational Current (Ie) : 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A(AC-32B); 16A, 20A, 25A, 32A, 40A, 50A, 63A(AC-33B)  
 Rated Short-time Withstand Current (Icw) : 5kA/30ms  
 Rated Short-circuit Making Capacity (Icm) : 7.65kA



# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*

R 50720835 0001

**Berichtsnummer** *Report No.:*

CN26COKB 002

**Produkt** *Product:* Automatic Transfer Switch  
(Automatic Transfer Switching Equipment)

**Modell** *Type:* **Bezeichnung** *Designation:*

Further ratings for Models : HDQ1S-160  
 Class of Equipment : PC  
 Method of Controlling : ATSE  
 Utilization Category : AC-32B, AC-33B  
 Number of Poles : 2P, 3P, 4P  
 Impulse Withstand Voltage (Uimp): 8kV  
 Rated Insulation Voltage (Ui) : 800V  
 Suitability for Isolation : Yes  
 Pollution Degree : 3  
 Rated Operation Voltage (Ue) : AC230V(2P), AC400V(3P, 4P)  
 Rated Frequency : 50Hz, 50/60Hz  
 Conventional Free Air Thermal Current(Ith) : 160A  
 Rated Operational Current (Ie) : 100A,125A,140A,160A(AC-32B);  
 63A,125A(AC-33B)  
 Rated Short-time Withstand Current (Icw) : 10kA/30ms  
 Rated Short-circuit Making Capacity (Icm) : 17kA

Further ratings for Models : HDQ1S-250  
 Class of Equipment : PC  
 Method of Controlling : ATSE  
 Utilization Category : AC-32B, AC-33B  
 Number of Poles : 2P, 3P, 4P  
 Impulse Withstand Voltage (Uimp): 8kV  
 Rated Insulation Voltage (Ui) : 800V  
 Suitability for Isolation : Yes  
 Pollution Degree : 3  
 Rated Operation Voltage (Ue) : AC230V(2P), AC400V(3P, 4P)  
 Rated Frequency : 50Hz, 50/60Hz  
 Conventional Free Air Thermal Current(Ith) : 250A  
 Rated Operational Current (Ie) : 160A,180A,200A,225A,250A(AC-32B);  
 125A(AC-33B)  
 Rated Short-time Withstand Current (Icw) : 10kA/30ms  
 Rated Short-circuit Making Capacity (Icm) : 17kA



# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*

R 50720835 0001

**Berichtsnummer** *Report No.:*

CN26COKB 002

**Produkt** *Product:* Automatic Transfer Switch  
(Automatic Transfer Switching Equipment)

**Modell** *Type:* **Bezeichnung** *Designation:*

Further ratings for Models : HDQ1S-800  
 Class of Equipment : PC  
 Method of Controlling : ATSE  
 Utilization Category : AC-32B, AC-33B  
 Number of Poles : 3P, 4P  
 Impulse Withstand Voltage (Uimp): 8kV  
 Rated Insulation Voltage (Ui) : 800V  
 Suitability for Isolation : Yes  
 Pollution Degree : 3  
 Rated Operation Voltage (Ue) : AC400V  
 Rated Frequency : 50Hz, 50/60Hz  
 Conventional Free Air Thermal Current(Ith) : 800A  
 Rated Operational Current (Ie) : 315A,350A,400A,500A,  
630A,700A,800A(AC-32B);  
160A,200A,250A,315A(AC-33B)  
 Rated Short-time Withstand Current (Icw) : 16kA/60ms  
 Rated Short-circuit Making Capacity (Icm) : 32kA

Further ratings for Models : HDQ1S-1600  
 Class of Equipment : PC  
 Method of Controlling : ATSE  
 Utilization Category : AC-32B, AC-33B  
 Number of Poles : 3P, 4P  
 Impulse Withstand Voltage (Uimp): 12kV  
 Rated Insulation Voltage (Ui) : 1000V  
 Suitability for Isolation : Yes  
 Pollution Degree : 3  
 Rated Operation Voltage (Ue) : AC400V  
 Rated Frequency : 50Hz, 50/60Hz  
 Conventional Free Air Thermal Current(Ith) : 1000A,1250A,1600A  
 Rated Operational Current (Ie) : 630A,700A,800A,1000A,1250A,1600A(AC-32B);  
400A,500A,630A,800A(AC-33B)  
 Rated Short-time Withstand Current (Icw) : 32kA/60ms  
 Rated Short-circuit Making Capacity (Icm) : 67.2kA



# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*

R 50720835 0001

**Berichtsnummer** *Report No.:*

CN26COKB 002

**Produkt** *Product:* Automatic Transfer Switch  
(Automatic Transfer Switching Equipment)

**Modell** *Type:* **Bezeichnung** *Designation:*

|  |   |
|--|---|
| Further ratings for Models                 | : HDQ1S-3200  |
| Class of Equipment                         | : PC  |
| Method of Controlling                      | : ATSE  |
| Utilization Category                       | : AC-32B, AC-33B  |
| Number of Poles                            | : 3P, 4P  |
| Impulse Withstand Voltage (Uimp)           | : 12kV  |
| Rated Insulation Voltage (Ui)              | : 1000V   |
| Suitability for Isolation                  | : Yes   |
| Pollution Degree                           | : 3   |
| Rated Operation Voltage (Ue)               | : AC400V  |
| Rated Frequency                            | : 50Hz, 50/60Hz   |
| Conventional Free Air Thermal Current(Ith) | : 2000A, 2500A, 3200A   |
| Rated Operational Current (Ie)             | : 2000A, 2500A, 3200A(AC-32B);<br>1000A, 1250A, 1600A(AC-33B) |
| Rated Short-time Withstand Current (Icw)   | : 50kA/60ms   |
| Rated Short-circuit Making Capacity (Icm)  | : 105kA   |

