

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50675090 0001

Berichtsnummer *Report No.:*

CN2515NF 002

Genehmigungsinhaber *License Holder:*

HIMEL HONG KONG LIMITED

11/F KERRY CTR

683 KING'S RD QUARRY BAY

Hong Kong

Fertigungsstätte *Manufacturing Site:*

040-0002049604

Prüfzeichen *Test Mark:*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111300616

Geprüft nach *Tested according to:*

EN 60947-2:2017+A1

Geräteidentifikation

Product Identification

Produkt: Moulded case circuit breaker
Product: (Moulded case circuit breaker)

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: 2024-04-27
Valid from:

Zertifizierungsstelle:
Certification body:

Ausstellungsdatum: 2025-04-27
Date of issue:

Wencai Zhang

Wencai Zhang



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

Fax: +49 221 806-3935

www.tuv.com

 **TÜVRheinland®**
Precisely Right.

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Produkt Product: Moulded case circuit breaker
(Moulded case circuit breaker)

Modell Type: **Bezeichnung Designation:**
Type Designation :
HDM3SV-125B, HDM3S-160M, HDM3SV-160F, HDM3SV-160N,
HDM3S-250M, HDM3SV-250F, HDM3SV-250N,
HDM3S-400M, HDM3S-630M, HDM3SV-630N

Trademark : Himel

Rating for Models : HDM3SV-125B

Selectivity category : A
Reference temperature : +40°C or +50°C
Type of release : Thermo-magnetic, Magnetic
Number of poles : 3P, 4P
Rated insulation voltage (Ui) : 1000V
Rated impulse withstand voltage : 8,0kV
Suitable for isolation : Yes
Conventional free air thermal current (Ith) : Same as In
Rated operational voltage (Ue) : AC400/415V
Rated frequency : 50/60Hz
Rated current (In) : 20/25/30/32/35/40/50/63/70/80/100/125A
Rated ultimate short-circuit breaking capacity (Icu) : 25kA
Rated service short-circuit breaking capacity (Ics) : 25kA
Current range of setting (Magnetic) : Ii=12In;
(Thermo-magnetic) : Ii=10In(50-125A) or 400A(20-40A);
Ir=(0,7/0,8/0,9/1)In
Degree of Protection : IP30(for operating surface)



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Produkt *Product:* Moulded case circuit breaker
(Moulded case circuit breaker)

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

Rating for Models : HDM3S-160M, HDM3SV-160F, HDM3SV-160N

Selectivity category : A
 Reference temperature : +40°C or +50°C
 Type of release : Thermo-magnetic, Magnetic
 Number of poles : 3P, 4P
 Rated insulation voltage (Ui) : 1000V
 Rated impulse withstand voltage : 8,0kV
 Suitable for isolation : Yes
 Conventional free air thermal current (Ith) : Same as In
 Rated operational voltage (Ue) : AC400/415V
 Rated frequency : 50/60Hz
 Rated current (In)
 -HDM3S-160M : 16/20/25/32/40/50/63/80/100/125/
140/150/160A
 -HDM3SV-160F, HDM3SV-160N : 20/25/30/32/35/40/50/63/70/80/100
/125/140/150/160A
 Rated ultimate short-circuit breaking capacity (Icu) : 35kA(HDM3S-160M), 36kA(HDM3SV-160F),
50kA(HDM3SV-160N)
 Rated service short-circuit breaking capacity (Ics) : 35kA(HDM3S-160M), 36kA(HDM3SV-160F),
50kA(HDM3SV-160N)
 Current range of setting
 - HDM3S-160M
 (Magnetic) : $I_i = (5/6/7/8/9/10) I_n$;
 (Thermo-magnetic, 63-160A) : $I_i = (5/6/7/8/9/10) I_n$; $I_r = (0, 8/0, 9/1) I_n$; or
 (Thermo-magnetic, 16-160A) : $I_i = 10 I_n (63-160A)$ or $500A (16-50A)$;
 $I_r = (0, 8/0, 9/1) I_n$
 - HDM3SV-160F, HDM3SV-160N
 (Magnetic, 63-160A) : $I_i = (5/6/7/8/9/10/11/12/13) I_n$;
 (Magnetic, 20-160A) : $I_i = 12 I_n$;
 (Thermo-magnetic, 63-160A) : $I_i = (5/6/7/8/9/10) I_n$; $I_r = I_n$; or
 $I_i = (5/6/7/8/9/10) I_n$;
 $I_r = (0, 7/0, 8/0, 9/1) I_n$;
 (Thermo-magnetic, 20-160A) : $I_i = 10 I_n (50-160A)$ or $400A (16-40A)$;
 $I_r = (0, 7/0, 8/0, 9/1) I_n$
 Degree of Protection : IP20(for operating surface)

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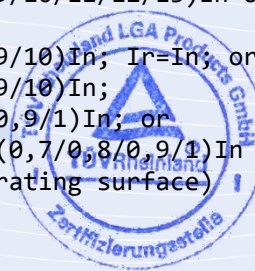
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Produkt *Product:* Moulded case circuit breaker
(Moulded case circuit breaker)

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

Rating for Models	: HDM3S-250M, HDM3SV-250F, HDM3SV-250N
Selectivity category	: A
Reference temperature	: +40°C or +50°C
Type of release	: Thermo-magnetic, Magnetic
Number of poles	: 3P, 4P
Rated insulation voltage (Ui)	: 1000V
Rated impulse withstand voltage	: 8,0kV
Suitable for isolation	: Yes
Conventional free air thermal current (Ith)	: Same as In
Rated operational voltage (Ue)	: AC400/415V
Rated frequency	: 50/60Hz
Rated current (In)	: 140/150/160/180/200/225/250A
Rated ultimate short-circuit breaking capacity (Icu)	: 35kA(HDM3S-250M), 36kA(HDM3SV-250F), 50kA(HDM3SV-250N)
Rated service short-circuit breaking capacity (Ics)	: 35kA(HDM3S-250M), 36kA(HDM3SV-250F), 50kA(HDM3SV-250N)
Current range of setting	
- HDM3S-250M	
(Magnetic)	: $I_i=(5/6/7/8/9/10)I_n$;
(Thermo-magnetic)	: $I_i=(5/6/7/8/9/10)I_n$; $I_r=(0,8/0,9/1)I_n$; or $I_i=10I_n$; $I_r=(0,8/0,9/1)I_n$
- HDM3SV-250F, HDM3SV-250N	
(Magnetic)	: $I_i=(5/6/7/8/9/10/11/12/13)I_n$ or $I_i=12I_n$;
(Thermo-magnetic)	: $I_i=(5/6/7/8/9/10)I_n$; $I_r=I_n$; or $I_i=(5/6/7/8/9/10)I_n$; $I_r=(0,7/0,8/0,9/1)I_n$; or $I_i=10I_n$; $I_r=(0,7/0,8/0,9/1)I_n$
Degree of Protection	: IP20(for operating surface)



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Produkt *Product:* Moulded case circuit breaker
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Modell *Type:* **Bezeichnung** *Designation:*

Rating for Models	: HDM3S-400M, HDM3S-630M, HDM3SV-630N
Selectivity category	: A
Reference temperature	: +40°C or +50°C
Type of release	: Thermo-magnetic, Magnetic
Number of poles	: 3P, 4P
Rated insulation voltage (Ui)	: 1000V
Rated impulse withstand voltage	: 8,0kV
Suitable for isolation	: Yes
Conventional free air thermal current (Ith)	: Same as In
Rated operational voltage (Ue)	: AC400/415V
Rated frequency	: 50/60Hz
Rated current (In)	
-HDM3S-400M	: 250/315/320/350/400A
-HDM3S-630M	: 400/500/630A
-HDM3SV-630N	: 250/300/315/320/350/400/500/600/630A
Rated ultimate short-circuit breaking capacity (Icu)	: 50kA
Rated service short-circuit breaking capacity (Ics)	: 50kA
- HDM3S-400M, HDM3S-630M	
(Magnetic)	: $I_i=(5/6/7/8/9/10)I_n$;
(Thermo-magnetic)	: $I_i=(5/6/7/8/9/10)I_n$; $I_r=(0,8/0,9/1)I_n$; or $I_i=10I_n$; $I_r=(0,8/0,9/1)I_n$
- HDM3SV-630N	
(Magnetic)	: $I_i=(5/6/7/8/9/10/11/12/13)I_n$ or $I_i=12I_n$;
(Thermo-magnetic)	: $I_i=(5/6/7/8/9/10)I_n$; $I_r=I_n$; or $I_i=(5/6/7/8/9/10)I_n$; $I_r=(0,7/0,8/0,9/1)I_n$; or $I_i=10I_n$; $I_r=(0,7/0,8/0,9/1)I_n$
Degree of Protection	: IP20(for operating surface)

