

# KEMA Test Certificate

No. 2119423.100

Issued to: Hager Electro SAS  
132, Boulevard d'Europe  
67215 Obernai  
France

For the product: Moulded case circuit-breakers

Trade name: HAGER

Type/Model: h3 x160  
HDA...\*  
(\* = country version designation A;B;C...;Y;Z)

Ratings: 1P, 2P, 3P, 3P+N, 4P; Ue = 240/415 Vac;  
In = from 15 to 160 A;  
Icu = 18 kA; Ics = 18 kA;

Subject: Type tests

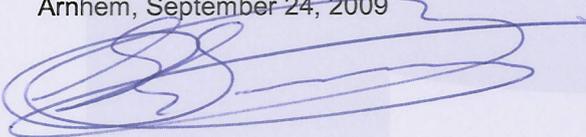
Requirements: IEC 60947-2 (Fourth edition)  
IEC 60947-1 (Fifth edition)

Remarks: -

This Test Certificate is granted on account of an examination by KEMA, the results of which are laid down in test reports no. 2119510.50 to 2119510.59, dated September 14, 2009.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Test Certificate does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by KEMA is not the responsibility of KEMA.

KEMA Quality B.V.  
Arnhem, September 24, 2009



H.L. Schendstok  
Certification Manager

# KEMA Test Certificate

No. 2119423.101

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132, Boulevard d'Europe  
67215 Obernai  
France

For the product: Moulded case circuit-breakers

Trade name: HAGER

Type/Model: h3 x160  
HHA...\*  
(\* = country version designation A;B;C...;Y;Z)

Ratings: 1P, 2P, 3P, 3P+N, 4P; Ue = 240/415 Vac;  
In = from 15 to 160 A;  
Icu = 25 kA; Ics = 19 kA;

Subject: Type tests

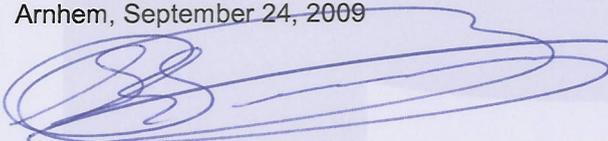
Requirements: IEC 60947-2 (Fourth edition)  
IEC 60947-1 (Fifth edition)

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KEMA Quality B.V.  
Arnhem, September 24, 2009



H.L. Schendstok  
Certification Manager

# KEMA Test Certificate

No. 2119423.102

Issued to: Hager Electro SAS  
132, Boulevard d'Europe  
67215 Obernai  
France

For the product: Moulded case circuit-breakers

Trade name: HAGER

Type/Model: h3 x160  
HNA...\*  
(\* = country version designation A;B;C...;Y;Z)

Ratings: 1P, 2P, 3P, 3P+N, 4P; Ue = 240/415 Vac;  
In = from 15 to 160 A;  
Icu = 40 kA; Ics = 20 kA;

Subject: Type tests

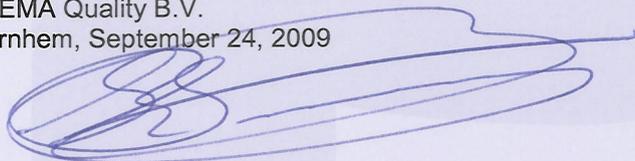
Requirements: IEC 60947-2 (Fourth edition)  
IEC 60947-1 (Fifth edition)

Remarks: -

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