


## Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant  mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

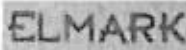
**Applicant Name & Address** : ELMARK INDUSTRIES SC  
2 Dobrudzha blvd., Dobrich, Bulgaria

**Manufacturing site Name & Address** : ELMARK INDUSTRIES SC  
2 Dobrudzha blvd., Dobrich, Bulgaria

**Product(s) Tested** : Moulded case circuit-breakers with motor protection

**Ratings and principal characteristics** : Ue=415V(3P), Ui=690V, Uimp=6kV, 50/60Hz, Cat. A  
In=0.1A~0.16A,0.16A~0.25A,0.25A~0.4A,0.4A~0.63A,0.63A~1A,  
1A~1.6A,1.6A~2.5A,  
2.5A~4A,4A~6.3A,6A~10A,9A~14A,13A~18A,17A~23A,20A~25A,  
24A~32 A  
Ics=Icu=50kA (0.1A~0.16A to 6A~10A)  
Icu=10kA, Ics=5kA (9A~14A to 24A~32A)

**Model(s)** : TM2

**Brand name** : 

**Relevant Standard(s) / Specification(s) / Directive(s)** : EN 60947-2:2006 + A1:2009  
EN 60947-4-1:2010 + A1 :2012  
the Low Voltage Directive 2006/95/EC

**Verification Issuing Office Name & Address** : Intertek Testing Services Shanghai  
Building No.86, 1198 Qinzhou Road (North), Shanghai 200233,  
China

**Verification Number** : 130700026SHA-V1

**Report Number(s)** : 130700026SHA-001, 002

**NOTE 1:** This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



Oliver Wei  
Manager  
October 23, 2013

Intertek Testing Services Ltd, Shanghai #64  
Building No. 86  
1198 Qinzhou Road (North)  
Caohejing Development Zone  
Shanghai 200233  
CHINA

Handled by  
Åsa Ekner  
Reference  
1313882  
E-mail  
asa.ekner@intertek.com  
Your reference  
Joyce Xu

23 October 2013

**CB-certificate(s) SE-74455**

We have the pleasure to enclose the requested CB-certificate(s) and the pertaining Test Report.

Yours sincerely

Intertek Semko AB  
Product Certification

**Enclosure CB certificate(s)**



Intertek Semko AB

Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Sweden  
Telephone +46 8 750 00 00, Fax +46 8 750 60 30, www.sweden.intertek-etisemko.com  
Registered in Sweden: No SE556024059901, Registered office: As address

1(1)

**IEC****IECEE  
CB  
SCHEME**

Ref. Certif. No.

**SE-74455**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST  
CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**Product  
Produit

Moulded case circuit-breakers with motor protection

Name and address of the applicant  
Nom et adresse du demandeurElmark Industries SC  
2 Dobrudzha blvd., Dobrich  
BULGARIAName and address of the manufacturer  
Nom et adresse du fabricant

Same as above

Name and address of the factory  
Nom et adresse de l'usine

Same as applicant

Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup>Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

See page 2

Trademark (if any)  
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais  
constructeurModel / Type Ref.  
Ref. De type

TM2

Additional information (if necessary may also be  
reported on page 2)  
Les informations complémentaires (si nécessaire,  
peuvent être indiqués sur la 2<sup>ème</sup> page)

See page 2

A sample of the product was tested and found  
to be in conformity with  
Un échantillon de ce produit a été essayé et a été  
considéré conforme à laIEC 60947-2:2006 and A1  
IEC 60947-4-1:2009 + A1As shown in the Test Report Ref. No. which forms part  
of this Certificate  
Comme indiqué dans le Rapport d'essais numéro de  
référence qui constitue partie de ce Certificat

130700026SHA-001, 130700026SHA-002

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**Intertek Semko AB  
Box 1103  
SE-164 22 Kista, Sweden  
Int +46 8 750 00 00Signature: 

Bo Berglöf

Date: 23 October 2013

**Ratings and principal characteristics**  
**Valeurs nominales et caractéristiques principales**

$U_e=415V(3P)$ ,  $U_i=690V$ ,  $U_{imp}=6kV$ , 50/60Hz, Cat. A

$I_n=0.1A\sim 0.16A, 0.16A\sim 0.25A, 0.25A\sim 0.4A, 0.4A\sim 0.63A, 0.63A\sim 1A,$

$1A\sim 1.6A, 1.6A\sim 2.5A, 2.5A\sim 4A, 4A\sim 6.3A, 6A\sim 10A, 9A\sim 14A, 13A\sim 18A, 17A\sim 23A, 20A\sim 25A, 24A\sim 32A$

$I_{cs}=I_{cu}=50kA$  (0.1A~0.16A to 6A~10A)

$I_{cu}=10kA$ ,  $I_{cs}=5kA$  (9A~14A to 24A~32A)

Date: 23 October 2013

Signature: 

# Certificate




for European Product Safety

Reference No. 1313882

## Moulded Case Circuit-breakers with motor protection

|   |  |
|---|--|
| Type designation                          | TM2  |
| Certificate holder                        | <b>Elmark Industries SC</b><br><b>2 Dobrudzha blvd., Dobrich</b><br><b>BULGARIA</b>                    |
| The product complies with the standard(s) | EN 60947-2:2006 and A1<br>EN 60947-4-1:2010+A1   |
| Date of expiry                            | 23 October 2018  |
| EU Directive information                  | The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC. |

Additional information in Appendix.

|                    |   |       |                                |
|--------------------|---|-------|--------------------------------|
| Certification Body | Intertek Semko AB, Product Certification  | Place | Kista - Stockholm              |
| Signed             | <br>Bo Berglöf | Date  | 23 October 2013<br>Page 1 of 2 |


This certificate is issued in accordance with the terms and conditions set out in the Appendix.



**Intertek  
Appendix**

Reference No. 1313882

*Technical data*

|                       |  |
|-----------------------|--|
| Type designation/     | TM2  |
| Trade mark /          |   |
| Rated Voltage (V) /   | 415V~  |
| Rated Current (A) /   | In=0.1A~0.16A,0.16A~0.25A,0.25A~0.4A,0.4A~0.63A, 0.63A~1A,<br>1A~1.6A,1.6A~2.5A,<br>2.5A~4A,4A~6.3A,6A~10A,9A~14A,13A~18A,17A~23A,20A~25A<br>,24A~32 A |
| Frequency (Hz) /      | 50/60  |
| IP-class /            | 20   |
| Poles No. /           | 3  |
| Product information / | Ui=690V, Uimp=6kV, Cat. A<br>Ics=Icu=50kA (0.1A~0.16A to 6A~10A)<br>Icu=10kA, Ics=5kA (9A~14A to 24A~32A)  |
| Manufacturing site(s) | Elmark Industries SC<br>2 Dobrudzha blvd., Dobrich<br>BULGARIA   |

This certificate, which includes production control, constitutes sufficient support for an EC Declaration of Conformity and CE marking, according the principle of presumption of conformity, of the product according to the Low Voltage Directive 2006/95/EC.

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

Safety related parts of the user instructions shall be written in a language acceptable to the country where the product is to be used.

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

Signed  Date 23 October 2013  
Bo Berglöf

*This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.*