


# Test Verification of Conformity

Verification Number: 181001281SHA-V1

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

|   |   |
|---|---|
| Applicant Name & Address:                   | <b>Zhejiang ETEK Electrical technology Co., Ltd.<br/>NO.288 Wei 17th Road, Yueqing Economic Development Zone<br/>Yueqing, Wenzhou, Zhejiang Province, P.R.China</b> |
| Manufacturing site Name & Address:          | <b>Shangtu Electrical technology Co., Ltd.<br/>NO.268 Wei 20th Road, Yueqing Economic Development Zone<br/>Yueqing, Wenzhou, Zhejiang Province, P.R.China</b>       |
| Product Description:                        | <b>Low-voltage switchgear and controlgear - Part 2: Circuit-breakers</b>  |
| Ratings & Principle Characteristics:        | <b>See Annex pages</b>  |
| Models/Type References:                     | <b>EKM8-125S, EKM8-125H, EKM8-160S, EKM8-160H, EKM8-250S,<br/>EKM8-250H, EKM8-400S, EKM8-400H, EKM8-630S, EKM8-630H</b>   |
| Brand Name(s):                              | <b>ETEK</b>   |
| Standard(s)/Directive(s):                   | <b>EN 60947-2: 2017<br/>Low Voltage Directive 2014/35/EU</b>  |
| Verification Issuing Office Name & Address: | <b>Intertek Testing Services Shanghai<br/>Building No.86, 1198 Qinzhou Road (North), Shanghai 200233,<br/>China</b>   |
| Test Report Number(s):                      | <b>181001281SHA-001, -002, -003, -004</b>   |

  
Signature

**Name: Oliver Wei**  
**Position: Manager**  
**Date: 13 May 2019**

## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 181001281SHA-V1

|                             |   |
|-----------------------------|---|
| <b>Model:</b>               | EKM8-125H, EKM8-125S                          |
| <b>Ue:</b>                  | 230V, 1P; 400V, 2P, 3P, 4P(3P+N)              |
| <b>Ratings current(In):</b> | 10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125A |
| <b>Icu(kA):</b>             | 25kA(EKM8-125H), 18kA(EKM8-125S)              |
| <b>Ics(kA):</b>             | 18kA(EKM8-125H), 15kA(EKM8-125S)              |
| <b>Category:</b>            | Cat. A  |
| <b>Frequency:</b>           | 50/60Hz                                       |
| <b>Other information:</b>   | Ui= 1000V~, Uimp=8kV, Ref. temperature: +40°C |

|                             |   |
|-----------------------------|---|
| <b>Model:</b>               | EKM8-160H, EKM8-160S                                    |
| <b>Ue:</b>                  | 400V, 2P, 3P, 4P(3P+N)                                  |
| <b>Ratings current(In):</b> | 10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 140, 160A |
| <b>Icu(kA):</b>             | 35kA(EKM8-160H), 25kA(EKM8-160S)                        |
| <b>Ics(kA):</b>             | 25kA(EKM8-160H), 18kA(EKM8-160S)                        |
| <b>Category:</b>            | Cat. A  |
| <b>Frequency:</b>           | 50/60Hz   |
| <b>Other information:</b>   | Ui= 1000V~, Uimp=8kV, Ref. temperature: +40°C           |

|                             |   |
|-----------------------------|---|
| <b>Model:</b>               | EKM8-250H, EKM8-250S                          |
| <b>Ue:</b>                  | 400V, 3P, 4P(3P+N)                            |
| <b>Ratings Current(In):</b> | 100, 125, 140, 160, 180, 200, 225, 250A       |
| <b>Icu(kA):</b>             | 35kA(EKM8-250H), 25kA(EKM8-250S)              |
| <b>Ics(kA):</b>             | 25kA(EKM8-250H), 18kA(EKM8-250S)              |
| <b>Category:</b>            | Cat. A  |
| <b>Frequency:</b>           | 50/60Hz                                       |
| <b>Other information:</b>   | Ui= 1000V~, Uimp=8kV, Ref. temperature: +40°C |

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## APPENDIX: Test Verification of Conformity

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|                      |   |
|----------------------|---|
| Model:               | EKM8-400H, EKM8-400S                          |
| Ue:                  | 400V, 3P, 4P(3P+N)                            |
| Ratings Current(In): | 250, 315, 350, 400A                           |
| Icu(kA):             | 50kA(EKM8-400H), 35kA(EKM8-400S)              |
| Ics(kA):             | 35kA(EKM8-400H), 25kA(EKM8-400S)              |
| Category:            | Cat. A  |
| Frequency:           | 50/60Hz                                       |
| Other information:   | Ui= 1000V~, Uimp=8kV, Ref. temperature: +40°C |

|                      |   |
|----------------------|---|
| Model:               | EKM8-630H, EKM8-630S                          |
| Ue:                  | 400V, 3P, 4P(3P+N)                            |
| Ratings Current(In): | 500, 630A                                     |
| Icu(kA):             | 50kA(EKM8-630H), 35kA(EKM8-630S)              |
| Ics(kA):             | 35kA(EKM8-630H), 25kA(EKM8-630S)              |
| Category:            | Cat. A  |
| Frequency:           | 50/60Hz                                       |
| Other information:   | Ui= 1000V~, Uimp=8kV, Ref. temperature: +40°C |



Signature

Name: Oliver Wei

Position: Manager

Date: 13 May 2019

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