

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा संदर्भ : सी एम डी- III/16 : आई एस / आई ई सी 60947-4-1: 2012 14 03 2018

विषय : आई एस / आई ई सी 60947-4-1: 2012 के अनुपालन के लिए दिशानिर्देश।

इसे उपरोक्त विषय का संदर्भ प्राप्त है ।

सक्षम प्राधिकारी ने आई एस / आई ई सी 60947-4-1: 2012 के अनुपालन हेतु दिशानिर्देश को अनुमोदित कर दिया है ।

सभी क्षेत्रीय और शाखा कार्यालयों से अनुरोध है की उपरोक्त दिशानिर्देश का अनुपालन तत्काल प्रभाव से सुनिश्चित करें ।

औरोस्मिता कबिराज
वैज्ञानिक बी (सी एम डी-III)

प्रमुख (सी एम डी-III)

सभी क्षेत्रीय/शाखा कार्यालय

आई टी एस विभाग – बीआईएस इंटरनेट पर डालने हेतू

BUREAU OF INDIAN STANDARDS

(Central Marks Department-III)

Our Ref: CMD-III/16 : IS/IEC 60947-4-1: 2012

14 03 2018

Subject: Guidelines for implementation of IS/IEC 60947-4-1: 2012, “Low Voltage Switchgear And Controlgear PART 4 Contactors And Motor-Starters Sec 1 Electromechanical Contactors and Motor Starters”

This has reference to the subject mentioned above.

The Competent Authority has approved the guidelines for implementation of IS/IEC 60947-4-1: 2012.

All ROs/BOs are requested to ensure the implementation of the above guidelines with immediate effect.

**Aurosmita Kabiraj
Sc-B (CMD-III)**

Head (CMD-III)

Circulated to: All ROs/BOs

Copy to: ITS – for hosting on Intranet please

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD III/16: IS/IEC 60947-4-1: 2012

14 03 2018

Subject: Guidelines for implementation of Revised IS/IEC 60947-4-1: 2012

1. IS/IEC 60947-4-1: 2000 has been revised as IS/IEC 60947-4-1: 2012 and has been published. The last date for implementation of the revised Standard is 18 July 2018 after which the old Standard shall stand withdrawn.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about the revised Standard.
3. The significant changes in the revised Standard as listed below is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.
 - deletion of the test at -5 °C and +20 °C for thermal overload relays that are not compensated for ambient air temperature;
 - addition of conditions of the tests according to Annex Q of IEC 60947-1;
 - EMC tests: clarification of acceptance criteria and alignment with IEC 60947-1 for fast transient severity level;
 - Annex B, test for Icd: modification of the duration of the dielectric test voltage from 5s to 60 s;
 - Annex B, electrical durability: improvement of the statistical aspects;
 - Annex H: clarification and introduction of new extended functions within electronic overload relays;
 - Annex K, procedure to determine data for electromechanical contactors used in functional safety applications: creation of this new annex.
4. Consequent upon the issuance of the revised Standard, existing STI has been revised as Doc: STI/60947-4-1/2 March 2018.
5. The guidelines for implementation of the revised Standard is given below:
A. For Licensees:
 - (i) All Licensees shall switchover to the revised Standard by 18 July 2018. BOs shall ensure that no Licences are under operation as per the old Standard after 18 July 2018.
 - (ii) Licensees shall confirm conformance to the additional/modified requirements through In-house/ Independent Test Reports or Test Certificates, as applicable. Verification of additional requirements and facilities, if any, may be done during the next visit.
 - (iii) BO may issue endorsement for the revised STI after receipt of STI Acceptance and the confirmation from the Licensee on implementation of the revised Standard. If the

Licensee fails to complete all actions by 18 July 2018 it shall be dealt with as per OMPC.

B. For Applicants:

- (i) Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old Standard. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration from the Applicant may be obtained to that effect and the Application may be processed accordingly. An undertaking from such Applicants shall also be obtained that if the sample fails in new test requirements, Licence will not be granted by BIS as per the old version.
- (ii) Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per old Standard shall be permitted only upto 18 July 2018 and for such cases Applicant shall give a declaration that they will switchover to revised Standard by 18 July 2018.
- (iii) Beyond 18 July 2018 no Licence shall be granted as per the old Standard.

C. For Inclusions:

- (i) For Inclusion of New Varieties, the relevant provisions as given above for Applicants shall apply.
 - (ii) However, processing of Inclusions as per the old Standard shall be permitted only upto the date of switchover to the revised Standard or upto 18 July 2018 whichever is earlier.
6. The above guidelines come into force with immediate effect.

Aurosmita Kabiraj
Scientist-B

Head (CMD III)
DDG (Certification)