

Svenska Elektriska Kommissionen, SEK

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## Belagda slagna ledare för kraftledningar med märkspänning 52 kV – Konstruktion och provning

*Covered stranded conductors for overhead lines with rated voltage 52 kV –  
Construction and testing*

### Orientation

This standard applies to overhead covered conductors intended for power distribution with rated voltage 52 kV.

For mechanical and electrical dimensioning, see SS-EN 50341, and therein quoted standards.

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ICS 29.040.20

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Denna standard är fastställd av Svenska Elektriska Kommissionen, SEK, som också kan lämna upplysningar om **sakinnehållet** i standarden.  
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### 1 Scope

This standard contains the requirements for covered conductors with or without integrated longitudinal watertightness and/or semi-conductive conductor screen for applications in overhead lines with rated voltages  $U$  above 36 kV a.c. and not exceeding 52 kV a.c.

### 2 References

This standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

SS 401 03 82	Cables – Terminology
SS 424 14 19	Power cables – Test methods (Swedish parts of HD 605)
SS-EN 50182	Conductors for overhead lines – Round wire concentric lay stranded conductors
SS-EN 50356	Method for spark testing of cables
SS-EN 50341	Elektriska friledningar över 45 kV (AC)
SS-EN 60811-series	Insulating and sheathing materials of electric cables
IEC 60587	Test method for evaluating resistance to tracking and erosion of electrical insulating materials used under severe ambient conditions

Se även:

ELSÄK-FS 2004:1	Elsäkerhetsverkets föreskrifter om hur Elektriska starkströmsanläggningar skall vara utförda samt allmänna råd om tillämpningen av dess föreskrifter (Starkströmsföreskrifterna)
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