
ICS 29.260.20

English Version

**Explosive atmospheres - Part 39: Intrinsically safe systems with
electronically controlled spark duration limitation
(IEC/TS 60079-39:2015/COR1:2020)**

Atmosphères explosives - Partie 39 : Systèmes de sécurité
intrinsèque à limite de la durée d'étincelle contrôlée
électroniquement
(IEC/TS 60079-39:2015/COR1:2020)

Explosionsgefährdete Bereiche - Teil 39: Eigensichere
Systeme mit elektronisch gesteuerter Begrenzung der
Funkendauer
(IEC/TS 60079-39:2015/COR1:2020)

This corrigendum becomes effective on 11 December 2020 for incorporation in the English language version of the EN.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Endorsement notice

The text of the corrigendum IEC/TS 60079-39:2015/COR1:2020 was approved by CENELEC as CLC IEC/TS 60079-39:2019/AC:2020-12 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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EXPLOSIVE ATMOSPHERES –

Part 39: Intrinsically safe systems with electronically controlled spark duration limitation

CORRIGENDUM 1

5.2 Power-i source

Replace the existing text of Subclause 5.2, bullet point b), with the following new text:

- b) The Power-i source shall be capable of detecting dynamic changes of the output current $I_O \pm \frac{di}{dt}$ as defined in A.3.2. The source shall react with a subsequent transition from Power-i mode to shutdown mode.