



国家防爆

Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

Cer. No.: CNEEx10.1484

Manufacturer R.STAHL Schaltgeräte GmbH
(Am Bahnhof 30, 74638 Waldenburg(Württ.), Germany)

Name of Product Control and distributor box

Type of Product Type 8126/54...--

Marking Ex edmbia/ib [ia/ib] II A/II B/II C T6/T5/T4
DIP A21 TA, T80°C/ T95°C/T130°C

Standard _____

Drawing No. 81 260 09 00 0, 81 260 10 00 0

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:
GB3836.1-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 1: General Requirements
GB3836.2-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 2: Flameproof enclosure "d"
GB3836.3-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 3: Increased Safe "e"
GB3836.4-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 4: Intrinsically Safe "i"
GB3836.9-2006 Electrical Apparatus for Explosive Gas atmospheres - Part 9: Encapsulation "m"
GB12476.1-2000 Electrical apparatus for use in the presence of combustible dust - Part1-1: Electrical apparatus protected by enclosures and surface temperature limitation-Specification for apparatus

Note See the appendix.

Valid Date From July 13, 2010 to July 12, 2015

Issue Date July 13, 2010

Director



**CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE
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1. This product has been certified by PTB, certificate No. PTB 03 ATEX 1060.

2. Description of equipment

- The control and distributor box of type 8126/54... consists of a stainless-steel enclosure, designed to type of protection Increased Safety "e".
- It is to accommodate switch and control gear, measuring instruments, as well as terminals for intrinsically safe and non-intrinsically safe circuits. Where required it may be fitted with actuator elements and pilot lamps.
- The box section for intrinsically safe circuits will be identified, e.g. by a light-blue colour.
- Connection is by means of explosion-proof cable entries.
- All the internally and externally fitted elements are tested and certified under separate examination certificates.

- Technical date:

Rated voltage:*.....up to 1100V

Rated current:*.....max. 630A

Conductor cross section:*.....max. 240mm²

*) depending on type of terminal and Ex components used

Ambient temperature range:.....-20°C to +55°C

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Protection against el. shock, foreign objects and water:.....min. IP65 in accordance with GB4208.

- Rated values are maximum values, the actual electrical values are determined by mounted electrical apparatus. Within these limiting values complying with the appropriate standards the manufacturer specifies the final limiting values dependent on power supply specifications, operating mode, utilization category, etc.
- The composition of the protection symbol is based on the types of protection of the component actually used.

3. Notes for manufacturing and operation

- Equipment of type of protection Intrinsic Safety "i" shall be installed in such a way that the clearance and creepage distances that are required according to GB3836.15 between intrinsically safe and non-intrinsically safe circuits are duly considered.
- If the clearance requirements specified in GB3836.4, section 6.3, are not complied with, terminals and wiring that meets the quality criteria Increased Safety "e" shall also be used for the intrinsically safe circuits.
- When connecting more than one intrinsically safe circuit, the rules and regulations for interconnection shall duly be observed.

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