

TABEX

TRACTION BATTERIES FOR Ex ZONES

The **TAB Ex Batteries** are produced in accordance with the directive **2014/34/EU** in **IECEx** certification scheme and fulfill the applicable requirements of directive harmonized standards **EN/IEC 60079-0**, **60079-7** and **60079-31**.

The **cable connection ends** are protected by a connection system of a certified type according to one of the type of protection intended by the **ATEX** and **IECEx**, respectively for **group I** and **group II**. Moreover, in case of use of uni-polar or bipolar connectors, these are noninterchangeable.

All accessories used, must be certified according to IEC 60079-0, IEC 60079-7 and IEC 60079-31 Standards.



Assembly of TAB Ex batteries operating in various applications:

- MINING
- PETROCHEMISTRY
- CHEMISTRY
- PHARMACY
- STORAGE DEPOTS



Cell connectors in combination with the cell terminal and screw - this system offers the highest safety. Connection to the cells is via female threaded inserts secured with metallic bolts with insulated covers, which maintain the minimum ingress protection level of IP 64 required for Zone 21 (dust).

TAB 
GROUP

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Now possible also with electrical connector REMA DR E250 EX ATEX Certificate BVS 22 ATEX E 001 X



IECEX MARKING:

Ex e IIB or IIC T5 Gb
and/or: Ex tb IIC T100°C Db
Ex e I Mb



ATEX MARKING:

FOR GROUP II AND/OR GROUP III:

Ex II 2 G
Ex e IIB or IIC T5 Gb

Ex II 2 D
Ex tb IIC T100°C Db

FOR GROUP I:

Ex I M2
Ex e I Mb



REMA ELECTRICAL CONNECTOR DR E250 EX

Product features and advantages:

- electrical connector especially designed for the use in hazardous areas,
- approved for Zone 1 and Zone 2 (gas), Zone 21 and Zone 22 (dust),
- contacts are made out of pure high conductive Cu-ETP copper with silver plated surface,
- polarity and combination protection through contact coding.

Connector system DR E250 EX with a cable $\geq 50 \text{ mm}^2$ can conduct up to 250A continuously.

The connector system DR E250 EX may be used for lower operating current with smaller cross-section cables.



Certificates

ATEX CERTIFICATE: INERIS 16ATEX0013X, BVS 22 ATEX E 001 X

IECEX CERTIFICATE: IECEX INE 16.0022X

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