

IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

IECEX DEK 18.0076X

Current

ROSE Systemtechnk GmbH

Germany

Power distribution, switchgear and control box Series GUB

Ex db, Ex tb

R. Schuller

Certification Manager



DEKRA Certification B.V.
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6825 MJ Arnhem
Netherlands





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ROSE Systemtechnik GmbH

Germany

Phoenix Mecano (India) Pvt. Ltd.

PM Komponenten B.V.

Netherlands

India

See Annex 2 for all manufacturing
locations

STANDARDS

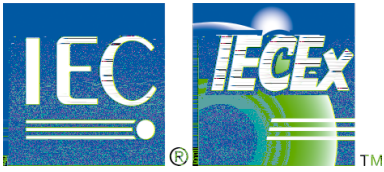
IEC 60079-0:2017

IEC 60079-1:2014-06

IEC 60079-31:2013

does not

TEST & ASSESSMENT REPORTS:



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EQUIPMENT:

SPECIFIC CONDITIONS OF USE: YES as shown below:

Annexes:

**Annex 1 to IECEx DEK 18.0076X
Annex 1 to NL/DEK/ExTR19.0094/00**

Description

Power distribution, switchgear and control assembly Series GUB, made of aluminium, stainless steel or cast iron with a threaded cover, with or without display window, are intended to be used in potentially explosive atmospheres. Inside and in the walls or cover of the enclosure electrical apparatus such as terminals, switching-, control-, regulating-, measuring- and indicating devices can be mounted.

The GUB series consist of 12 types:

- , - , 26 2 (7
- , - , 2 6 2 (*

Marking

Where applicable, the equipment marking is completed by the + (+
*

The equipment is marked with Group IIB if at least 20% of each internal cross-sectional area remains free; it may be marked with Group IIC if at least 40% of each internal cross-sectional area remains free.

Ambient temperature range

Maximum ambient temperature range (for details see table below):

- , - , 26 -20 °C to +110 °C
- , - , 2 6 -20 °C to +75 °C

Degree of protection

Degree of protection IP66 according to IEC 60529 and IEC 60079-0.

Electrical ratings

The electrical ratings are dependent on the built-in components and equipment, but do not exceed 1.1 kV ac/dc nominal, 415 A and 240 mm². Actual ratings are stated on the nameplate.

Options

The threaded flamepaths may be provided with a max. 0.008 mm thick electro-plating.

The enclosures may be supplied in natural finish, electro-plated, powder coated or liquid painted. The painting thickness does not exceed 0.18 mm.

Annex 2 to Certificate of Conformity IECEx DEK 18.0076X

Manufacturing locations

Rose Systemtechnik GmbH
Erbeweg 13-15
32457 Porta Westfalica
Germany

Phoenix Mecano Kecsemet KFT
Szent Istaván krt. 24
6000 Hungary
Hungary

PM Komponenten N.V.
Karrewegstraat 124
9800 Deinze
Belgium

PM Komponenten B.V.
Havenstraat 100
7005 AG Doetinchem
The Netherlands

Phoenix Mecano S.E. Asia Pte. Ltd.
53 Ubi Ave 3 #04-01
Colourscan Building
Singapore 408863

Phoenix Mecano (India) Private Limited
Pirangut Industrial Area, Post Ghotawade
Plot 388, Village Bhare, Taluka Mulshi
Dist. Pune - 412115
India

Phoenix Mecano India Pvt. Ltd Plant III, Gat No 408, 410 & 412, Village Urse, Taluka Maval,
Talegaon Urse Road, Dist. Pune 410506, India

Mecano Components Co., Ltd/012
No.1001, Jiaqian Road, Nanxiang, Jiading District
Shanghai P.R.C. 201802
China

Phoenix Mecano Inc.
7330 Executive Way
Frederick
MD 21704
USA

JKE Co., Ltd.
34, Mieumsandan-ro, 105bone-gil, Gangseo-gu,
Busan, Korea

Phoenix Mecano Saudi Arabia LLC, Building no 3267, king Abdul Aziz Road Unit No1, Dharan 3451,
Dammam, Kingdom of Saudi Arabia

Rose Systemtechnik Middle East, P.O. Box 8993, Sharjah, U.A.E