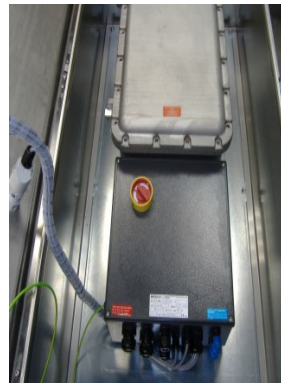


Control units Ex d with connection chamber Ex e

Custom made switch-, control- and distribution housings Ex II2G. The type and size of the housings will be designed to meet customer requirements. In the Ex d housings type GUB (gas group IIC) and EJB (gas group IIB) can be built in most of standard industrial electrical switch- and control parts. The housings can also be fitted with windows in the cover to provide further display features. For electrical wiring we use certified line bushings. The complete control system can also be manufactured in protection housings of different materials for example GRP or stainless steel. It is recommended to mount control switches and pilot lamps in the door of these housings.



MITEX HANDELS-
UND PRODUKTIONS
GMBH



Ex explosion protection from Schleswig-Holstein / Germany.

Started in 1987 in Hamburg, MITEX produces and distributes special products in hazardous areas for customers in the chemical, petrochemical, pharmaceutical and gas industries. In our own workshop we build junction boxes, control boxes and special constructions for different areas. In 1998 we moved to our own building in Wahlstedt with 400 m² production space and 100 m² office space.

MITEX will give you the best solutions to solve your problems, with short planning time and quick deliveries.

MITEX Handels- und Produktions GmbH
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23812 Wahlstedt
Germany

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Fax: ++49 4554 / 99 15 90

Homepage: www.mitex-gmbh.de

eMail: info@mitex-gmbh.de

Only some samples – there are many other variations possible.

Beacon/Horn Combination Units for Hazardous Areas

This series of audio and visual combined units may be assembled from MEDC or TPK. The audio alarm has a silence relay inside, so its possible through pushing an external button, switching of the audio alarm. The visual alarm works up to the default is cleared. Different colours for the visual alarm are possible.



- ▶ Atex approved
- ▶ Degree of protection IP66 and IP67
- ▶ Power supply 24 V DC or 230 V AC
- ▶ Visual output 2,5 joule to 15 joule (2,5; 5; 10; 15 joule)
- ▶ Audio Output 90 dBA or 118 dBA

LED- Traffic light/ Status light

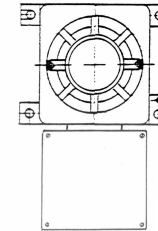
Cluster of 48 light emitting diodes - maintenance free - long life of at least 10 years.

As an alternative to filament bulbs in hazardous areas, we offer this LED lamp which is usable as a traffic or status light. A cluster of 48 LED's provides high brightness which enables the light to be visible from more than 100 meters. Combinations of two or three lights with different colours can be assembled. The single unit is supplied with a M20 x 1,5 mm Ex-d cable gland for cable diameters from 5,5 mm up to 13,0 mm in 3 steps. Twin and triple units have a rear junction box which contains terminals and cable glands. As an option, for twin and triple combinations we offer a mounting bracket which allows the direction of maximum light output to be adjusted.



- ▶ 48 super bright LED's
 - ▶ Doubling the light guides
 - ▶ 10-times luminance - red ~250000 mcd
- green ~150000 mcd
 - ▶ Power consumption 3,8 VA or 5 VA
 - ▶ Current reduction to 160mA max on 24 V DC
 - ▶ 5 years guarantee
 - ▶ Electronic system reparable
 - ▶ Also available in extra super bright
 - ▶ Power consumption: 5VA on 24 VDC ~200 mA
 - ▶ Available colours: red, amber, green, blue, white
- | | |
|------------------------|---|
| Explosion proof: | Exde IIC T 6 |
| Certificate: | BKI 06 ATEX 051 |
| Voltage: | 220 – 240 V AC or 24V DC |
| Power Consumption: | 24 V DC- 3,8 VA
230 V AC- 5 VA |
| Protection class: | IP 65 |
| Operation temperature: | -40°C to +50°C |
| Storage temperature: | -50°C to + 60°C |
| Weights / Dimensions: | single ~ 6 kgs / 180 x 180 x 155 mm
twin ~ 16 kgs / 250 x 380 x 205 mm
triple ~ 24 kgs / 250 x 560 x 205 mm |

Manufacturing with own Certifications in our own Workshop



- Ex-Junction boxes
- Ex-Distribution Panels
- Ex-Control Panels
- Ex-Special Solutions
- Customer specified panels for safe or EX-areas

Stock delivery from:

Stahl: Junction boxes, terminal boxes, Installation switches, control equipment, plugs and sockets

Bernstein: Limit switches, Footswitches, Safety switches
Inductive sensors, Opto-electronically sensors, Level switches,
Standard enclosures of Alloy, GRP, polycarbonate and ABS

General Distribution for MEDC

- Ex Xenon beacons from 5 to 21 joule
- Ex sounders and speakers
- Ex manual call points

Agent for Beka

- LED cluster lamps, timer, batch controller, beacons, sounders, Loop indicators, analogue and digital indicators

And many other products and special solutions:

- Ex-background lighting
- Ex-miniature switch components Æ 16 mm
- Ex-universal indicators
- Ex-cabel drum
- Ex-miniature camera
- Ex-HF- motion detector
- Ex-LED- floodlight
- Ex-traffic lights

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