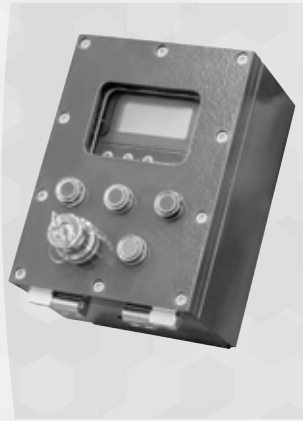


Ex Enclosures & Electrical Equipment in Hazardous Areas



Reliable
Customized Solutions

Control Panel Configuration

Ex d enclosures in control panel configuration can be equipped with signalling lamps, intrinsic safety apparatus, push buttons and mechanical operators, windows made of tempered glass.

Approvals:



II 2G Ex d IIB T3/T4/T5/T6 Gb
II 2D Ex tb IIIC T200°C/T135°C/T100°C/T85°C Db IP65
I M2 Ex d T150°C Mb
Tamb : -20°C ÷ +55°C



Ex d IIB T4/T5/T6 Gb
Ex tb IIIC T135°C/T100°C/T85°C Db IP 65
Tamb : -20°C ÷ +55°C



Class I, II, III Division 1 Group C, D, E, F, G T3C
Tamb : -20°C ÷ +55°C



Available material: iron and stainless steel

Measures: ex.: 724 x 414 x 325 mm * 275 x 600 x mm*

* dimensions and functions are customizable

Diesel Engine Control Panel

Customized control panel for a specific engine transformation can be equipped with signalling lamps, push buttons and mechanical operators with auto-switch off function in alarm situation and J1939 display for parameters visualization optional.

Approvals:



II 3G Ex nA IIB T3/T4 Gc
II 3D Ex tc IIIB T200°C/T135°C Dc IP55
Tamb : -20°C ÷ +60°C



Ex nA IIB T3/T4 Gc
Ex tc IIIB T200°C/T135°C Dc IP55
Tamb : -20°C ÷ +60°C



Class I Division 2 Group C, D T3/T4
Tamb : -20°C ÷ +60°C



Available material: stainless steel Aisi 316L/304

Measures: ex.: 450 x 450 x h210 mm

Electronic Enclosure

Ex d enclosures in electronic configuration can be equipped with intrinsic safety apparatus, push buttons and mechanical operators.

It is available in different configurations and sizes, can be equipped also with signalling lamps, windows made of tempered glass.

Approvals:



II 2G Ex d IIC T4/T5/T6 Gb
II 2D Ex tb IIIC T135°C/T100°C/T85°C Db IP66
Tamb : -20°C ÷ +60°C



Available material: iron and stainless steel

* dimensions and functions are customizable

Electronic Enclosure Configuration

Ex d enclosures in electronic configuration can be equipped with intrinsic safety apparatus, it is used to contain non Ex approved equipment and sparking components in the operating model. It is also equipped with windows made of tempered glass.

Approvals:



II 2G Ex d IIB T3/T4/T5/T6 Gb
II 2D Ex tb IIIC T200°C/T135°C/T100°C/T85°C Db IP65
I M2 Ex d T150°C Mb
Tamb : -20°C ÷ +55°C



Ex d IIB T4/T5/T6 Gb
Ex tb IIIC T135°C/T100°C/T85°C Db IP 65
Tamb : -20°C ÷ +55°C



Class I, II, III Division 1 Group C, D, E, F, G T3C
Tamb : -20°C ÷ +55°C



Available material: iron and stainless steel

Measures: ex.: 640 x min 450 max 530 x h183 mm*

* dimensions and functions are customizable

Multiled Display Configuration

Ex d enclosures in multiled display configuration can be equipped with signalling lamps, customized multiple led enclosure with hours meter.
It is equipped with a window made of tempered glass.



Approvals:



II 2G Ex d IIB T3/T4/T5/T6 Gb
II 2D Ex tb IIIC T200°C/T135°C/T100°C/T85°C Db IP65
I M2 Ex d T150°C Mb
Tamb : -20°C ÷ +55°C



Ex d IIB T4/T5/T6 Gb
Ex tb IIIC T135°C/T100°C/T85°C Db IP 65
Tamb : -20°C ÷ +55°C



Class I, II, III Division 1 Group C, D, E, F, G T3C
Tamb : -20°C ÷ +55°C

Available material: iron and stainless steel

Measures: ex.: 255 x 145 x h90.5 mm*

* dimensions and functions are customizable

Ex e Terminal Boxes

The Ex e terminal boxes are made of fiber-glass and reinforced polyester. They are used to transfer and distribute electric energy and are customizable with Ex e terminals.



Approvals:



II 2G Ex e IIC T5/T6 Gb
II 2D Ex tb IIIC T100°C/T85°C Db IP65
Tamb : -50°C ÷ +60°C



Ex e IIC T5/T6 Gb
Ex tb IIIC T100°C/T85°C Db IP65
Tamb : -50°C ÷ +60°C

Measures: 90 x 90 x 75 mm*

* dimensions and functions are customizable

Ex de Alarm Led Enclosure

The Ex de alarm led boxes are made of fiber-glass and reinforced polyester. They are used as signalling alarm device, it is also available with commands and with signaling and commands configuration.

Approvals:



II 2G Ex ed IIC T6 Gb
II 2D Ex tD A21 T85°C Db IP66
Tamb : -50°C ÷ +60°C



Ex ed IIC T6 Gb
Ex tD A21 T85°C Db IP66
Tamb : -50°C ÷ +60°C



Measures: 80 x 139 x 98 mm*

* dimensions and functions are customizable

Ex de Cable Glands and Caps

Cable Glands for armoured and unarmoured cables which are able to maintain the explosion protection integrity which will form the means of preventing transmission of explosion from within the equipment.

Caps provides means of blanking unused cable entries.

Approvals:



II 2G Ex d/e IIC Gb
II 2D Ex tb IIIC IP66 Db
I M2 Ex d/e I Mb
Tamb : -50°C ÷ +100°C



Ex d/e IIC Gb
Ex tb IIIC IP66 Db
Ex d/e I Mb
Tamb : -50°C ÷ +100°C



Class I, II, III Division 1 Group C, D, E, F, G T4
Tamb : -20°C ÷ +100°C



Available material: brass and stainless steel

Miretti has **consolidated experience** in industrial flame proof enclosure technology.

We offer a significant range of **certified enclosures** where it is possible to insert mechanical and electrical components, control units and warning lights.

Our enclosures are of **various sizes** and can be made of iron, stainless steel, polycarbonate, polyester.

We guarantee that our enclosures can also be **customized to suit the needs of our clients**.

Why choose Miretti?



- Expertise of over 50 years
- Quality & Innovation
- Competitive Pricing
- Certifications & Testing
- After Sales Service
- Training & Product Education
- Research & Development
- Reliable Customized Solutions
- Global Footprint

Electrical Ex Components

Multifunctional Tail Lights



Working Lights



Flashing Lights



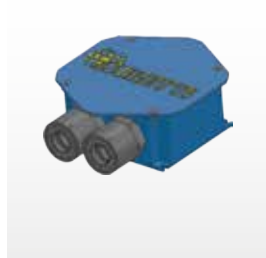
IP67 Working Lights



Turn Signal Lights



DetEx Gas Detector Systems



Atex Plugs and Sockets



Blue Lights



Led Explosion Proof Lights



About Miretti Group

Miretti has been leader since 1973 in the **Explosion Proof Protection** of mobile vehicles and industrial equipment and boasts impressive experience in the field.

The company operates all over the world with branches in Italy (head office), USA, Singapore, China, Germany, UK, France, Spain, Hungary, Benelux, Middle East, Algeria, Israel, Australia.

Miretti is ISO 9001, ISO 14001 and ISO 45001 certified and is an approved supplier for the most important world producers.

Constant research focuses on new technologies and innovative solutions. All explosion proof conversions are developed and implemented in agreement with OEM Original Equipment Manufacturers to maintain original safety levels and ergonomics in conformity with local standards and regulations.

Miretti ensures a reliable after-sales service, qualified technicians, quality and fast maintenance. Miretti Group has also been on the market since 1973 as a supplier of SCR DeNOx Systems and Catalysts thanks to many years of experience also in the field of Exhaust Cleaning Solutions reducing exhaust pollution. *"Explosion Protection Safety and Green Environment".*

Diesel Ex Equipment

FilterEx



CoatEx



Ecological Kits



Generators



Spark Arrestors



Shut Down Valves



Alternators



Batteries



Starter Motors



**Explosion Proof Safety Systems certified
according to ATEX, IECEx, NEC**

Miretti Group is ISO 9001, ISO 14001, ISO 45001 certified





we operate all over the world



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