



# General Brochure

Industrial Lighting and Electrical equipment for hazardous areas





# OUR COMPANY

DELGA SAIC y F. is a company with more than 75 years in the market dedicated to manufacture electrical equipment for hazardous areas such light, fixtures, junction boxes, Control stations, distribution equipment, fittings, among others.

With a quality system certified under ISO 9001, ISO 14001 and ISO IEC 80079-34, an important team of professionals with vast experience, advanced machinery and a high-level organizational system, we aim for continuous improvement, with the fundamental objective of customer satisfaction.

We have our own integrated manufacturing plant, first-rate suppliers, an extensive network of distributors and

permanent stock , which allows us to participate in the most important infrastructure projects in the country and abroad. We base our leadership on offering a wide range of solutions based on strategic alliances with leading manufacturers worldwide, enabling us to be at forefront of innovation in solutions tailored to the needs of your projects, with reliability, responsibility and commitment.

DELGA S.A.I.C.y F. offers the widest and most versatile LED lighting solution certified under IEC 60079 and standards for use in areas with explosive atmospheres. Additionally, products certified under IEC 60598 with UL Ar seal for heavy industrial use and installations requiring high-resistance, durability and functional performance equipment.

## Certified Quality



Certified by DNV under  
ISO 9001:2015 and  
ISO 14001:2015

## Autorized reseller for Argentina of



Appleton-ATX brings together the world's most recognized brands offers solutions in lighting, outlets, plugs, controls, signaling, and the widest range of electrical accessories for classified areas.



Federal Signal is universally recognized within the industry as synonymous with auditory and visual signaling. It provides solutions in beacons, sirens, speakers, public alert systems, paging systems, industrial intercom systems, and mass notification systems, among others.



Pelican designs and manufactures rugged flashlights and luminaires used by professionals, including firefighters, police, military, aerospace, industry, and consumers. Their line of extremely bright flashlights includes models that are waterproof, tactical, hands-free, right-angle for firefighting and industrial use, lights with safety approvals for hazardous areas, among others.



# ACCESORIES



## CONDUIT FITTINGS AND ACCESORIES

We manufacture a complete line of watertight and explosionproof electrical fittings. Certified under local and international standards.

- Conduit pipes for hazardous areas.
- Casted conduit bodies.
- Explosion proof sealing fittings .
- Unions, drains, and other accessories.



## CABLE GLANDS

Designed for cable access to enclosures in classified areas.

- Certified under IEC 600079 standards.
- For metal-braid/tape armored cables and non armored cables.
- Adaptors, reducers, blanking elements, Locknuts, and earthing tags.
- Made of Brass, Nickel plated brass, stainless steel or aluminium.
- NPT or Metric thread.



## ELECTRICAL CONSTRUCTION FITTINGS

Manufactured under IRAM local standards.

- Zinc-coated iron connectors up to 2" BSC.
- Locknuts and bushings.
- U-Bolt - Rigid metal conduit and IMC clamps, hangers and Straps



# LUMINARIES



## LIGHTING FOR INDUSTRIAL AND HAZARDOUS AREAS.

- For use in working areas, transit areas and escape routes.
- Variety of models from 15 to 300W and 2000 to 35000 lm output.
- Aluminium cast bodies, bolts and bracket in stainless steel and tempered glass.
- For gas and Dust hazardous areas.
- Designed and manufactured under UL and IEC Ex Standards.
- Different Mount accessories and replacement parts available.
- Lighting poles under requirement.



Certified by DNV under ISO 9001:2015 and ISO 14001:2015

- Warm, Neutral and Cold light temperature.
- Wide and Narrow light distribution beam angle.
- IES and Photometric data available.
- Lighting desing project support is available.
- Commercial assistance for equipment selection.



- Designed and manufactured in Argentina.
- Word Class Factory. IEC and ISO certified.
- Functional and electrical tests on 100% of the luminaires.
- 5 year warranty.





## LINEAR LUMINAIRES

Designed for Tunnels and walkways, Laboratories and low profile requirements.

- Wide range of lumen output, up to 15000 lumens.
- For harsh environments and hazardous Locations (zone 1,2,21 and 22).
- Emergency mode up to 90 minutes with auto test.



## LOW PROFILE AND AREA LIGHT

Designed for low profile lighting in working and transit areas.

- Versions from 16 to 150 Watts , up to 15000lumens.
- For hazardous Locations (zone 1,2,21 and 22).
- Mounting options: Ceiling, pendant, stachion and yoke.



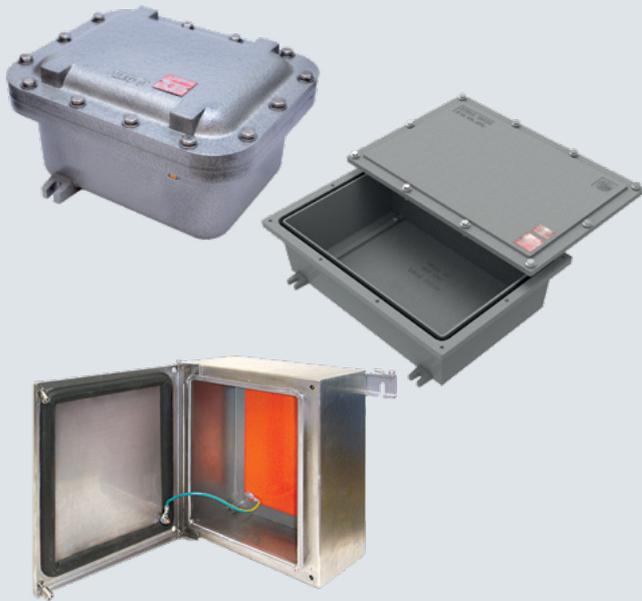
## FLOODLIGHTS

Designed for large area such industrial plants and ship loading.

- Versions up to 300W and 35000 Lumen output.
- Different beam angles, symmetric and asymmetric for a wide range of applications.
- Liquid tight IP 68 and hazardous locations (zone 1,2,21 and 22)



# ELECTRICAL BOXES



## JUNCTION BOXES

Designed for a range of uses such junction boxes, power distribution, command and control, Panel Boards.

- Weather proof, Explosion proof and increased safety versions.
- Cast Aluminum. Stainless Steel or Iron sheets.
- Customized designs upon customer request.
- Under IEC and UL standards.
- Accessory availability such as trays, hinges, locks, mounting brackets, etc.
- High mechanical and corrosion resistance, durability, and safety.



## READY TO INSTALL CONFIGURATED JUNCTION BOXES

Junction box solutions with pre-established configurations most commonly used in the industry for simple and fast selection and installation, reducing complexity.

- Explosion-proof and increased safety versions.
- Suitable for, Connection of digital and/or analog signals up to 80 terminals. Power distribution from 1 to 3 phases up to 40A.
- Include terminal numberings.
- Threaded accesses NPT or Metric.
- Luxite or stainless steel label with engraved TAG.



## COMMAND AND CONTROL BOXES

Customer-configurable control and display boxes with a wide variety of options and alternatives.

- 1 to 6 accesses on lid to configure under request.
- Option of push buttons, mushroom with or without latch, indicator lights, multi-turn potentiometers, selectors, and switches.
- NO and NC Contact modules, from 1 to 3 poles.
- Explosion-proof versions with displays for measuring instruments.
- Emergency stop button and fire alarm switch boxes.



## SWITCHBOARD AND OPERATION BOXES

Pre-configured products for motor control or power interruption applications.

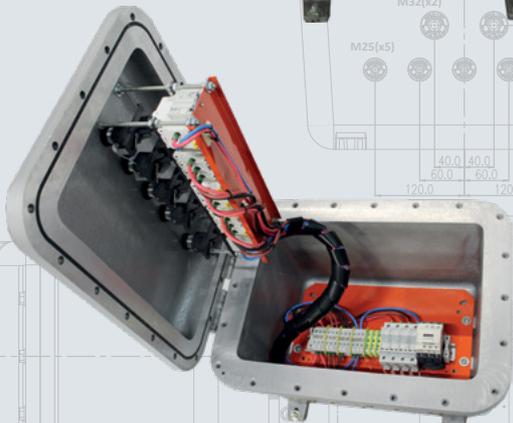
- MCB up to 32A.
- Load switches and disconnectors up to 250A.
- Direct or star-delta motor starting up to 45Kw.



## CUSTOM ENCLOSURES UNDER REQUEST

Products designed and manufactured under IEC standards, with certified processes, industrial plant, and personnel.

- Explosion-proof, increased safety, or weather proof versions.
- Wiring, control, actuation, motor protection, switches, etc., and the combination of all these.
- Design engineering according to project requirements.
- Entries, internal components, and actuators according to customer requirements.
- Luxite or Stainless Steel labels with engraved TAG
- Engineering process digitally validated by the customer before construction.



# DELGA EXPORT QUALITY



We manufacture quality, safe and reliable products for any industrial environment:

- ✓ OIL&GAS
- ✓ PETROCHEMICAL
- ✓ ENERGY
- ✓ MINING
- ✓ PHARMACEUTICAL
- ✓ AUTOMOTIVE
- ✓ FOOD
- ✓ PAPER INDUSTRY
- ✓ STEEL INDUSTRY AND OTHERS

Authorized reseller for Argentina of



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