SEIWA offers industrial lighting products with high Japanese quality

**Explosion proof type Lighting Fittings**

**Explosion proof type Control Boxes**

**Updated fitting with a built-in terminal box that permits the use of the existing conduit**

**Existing fitting**
- Lamp fitting, suspension pipe, and terminal box are approved as a package.
- Approved items:
  - Lamp fitting
  - Suspension pipe
  - Terminal box

**Updated fitting**
- Lamp fitting with a built-in terminal box is approved.
- Approved items:
  - Lamp fitting
  - Terminal box

Since the lamp fitting, suspension pipe, and terminal box are approved, the terminal box connected to the mains must also be replaced.

Since the lamp fitting with a built-in terminal box is approved, the existing terminal box on the conduit need not be removed.

Note: Failure of the existing conduit, the insulating pipe of the old fitting must fit the new fitting if the pipe is not suitable, consult us.

**A broad lineup of terminal box built-in products for retrofitting!**

- Explosion proof type LED lighting fittings
  - LGAA / LGLA series
- Explosion proof type fluorescent lighting fittings
  - AGAC / TGAC series

**Point to notice**
- The mains conduit must be removed.
- The mains conduit need not be removed.
- Increase in replacement work cost and man-hours
- Substantial reduction in replacement work cost and man-hours

**Updated fitting with a built-in terminal box that permits the use of the existing conduit**

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For ordering or further information, contact us.
SEIWA occupies a leading position in the flameproof lighting fitting industry through many achievements in Japan and abroad.

Since its foundation in 1945, SEIWA ELECTRIC MANUFACTURING Co., Ltd. has delivered industrial lighting fittings, road and tunnel lighting fittings, and street and landscape lighting fittings to many customers. Particularly in the factory/plant industrial lighting field, we have supplied flameproof lighting fittings suitable for any environment and conditions, enjoying a high reputation for the safety and reliability of our products in Japan and foreign countries. Also we were quick to enter into the optoelectronics field. We have succeeded in uniquely developing blue light emitting diodes. Today we have a mass production system for various LED devices and continue to expand the lineup of LED lighting fittings. SEIWA’s industrial lighting fittings, which are based on self-developed LED devices and manufactured by our integrated production system, are offering security and safety to enrich your daily lives.

In the industrial lighting field, we have long supplied lighting fittings for use in harsh environments such as explosive atmospheres of plants and oil refineries. Based on high technical expertise, we continue to expand the lineup of LED lighting products including flameproof products to suit any production site condition.

In the noise suppression field, we develop and manufacture products for shielding or preventing electromagnetic noise which is increasing with the spread of digital devices. As for cable protection products, since the introduction of the "Cableguard" series in 1972, we have maintained our position as a pioneer in the field, offering various eco-friendly and user-friendly cable accessories. In addition, we utilize our LED development technology to supply LED modules which meet any customer needs.

History of SEIWA’s industrial lighting business

- The new LED factory building with LED facilities went into full-scale operation in April 2011.
- Developed barrier-free LED’s.
- Introduced a lineup of LED lighting fittings series. Flameproof high-frequency fluorescent lighting fittings (JAPAN) received Chinese certification (CQSTI).
- CHANGHUI SEIWA ELECTRIC Co., Ltd. started the production and sale of flameproof lighting products. Flameproof high-frequency fluorescent lighting fittings (JAPAN) received Chinese certification (NEPS).
- Flameproof fluorescent lighting fittings and high-intensity discharge lighting fittings received Chinese certification (NEPS).
- Developed three-band white LEDs.
- Acquired ISO14001 certification.
- Introduced a lineup of flameproof high-frequency lighting fittings series.
- Acquired ISO9001 certification.
- Introduced a lineup of IEC-compliant flameproof lighting products.
- The waterproof fluorescent lighting fittings factory was approved as a JS factory.
- Developed Flameproof fluorescent lighting fittings first in Japan.
- Delivered lighting fittings for the Kamon Tunnel (Bypass) first undersea tunnel.
- Developed increased safety fluorescent lighting fittings first in Japan.
- Delivered waterproof fluorescent lighting fittings first in Japan and introduced the "Brighter" brand.
- Developed GM type sockets (molded type sockets). SEIWA ELECTRIC MANUFACTURING Co., Ltd. was established.
Explosion Proof Type LED Lighting Fittings

**LGIA series**
- For replacement of fluorescent lighting fittings
- Equivalent to a 100W lamp
- Limited to hazardous area

**LZIA series**
- For replacement of fluorescent lighting fittings
- Equivalent to a HD lamp
- Limited to hazardous area

**Virtually Light Type LED Lighting Fittings**
- For replacement of fluorescent lighting fittings
- Equivalent to a 100W lamp
- Limited to hazardous area

**Explosion Proof Type Fluorescent Lighting Fittings**

**TGAC series**
- For replacement of fluorescent lighting fittings
- Equivalent to a 100W lamp
- Limited to hazardous area

**AGAC series**
- For replacement of fluorescent lighting fittings
- Equivalent to a 100W lamp
- Limited to hazardous area

**Explosion Proof Type Fluorescent Lighting Fittings**

**Part Number**
- LGBA0101 (16W type)
- LGBA0099 (44W type)
- LGBA0110 (10W type)
- LGBA0098 (44W type)
- LGBA0111 (20W type)
- LGBA0097 (44W type)
- LGBA0112 (30W type)
- LGBA0096 (33W type)
- LGBA0113 (22W type)
- LGBA0095 (33W type)

**Dimensions**
- ○ Pipe-Fractured
- □ Bracket
- Special Direct
- Special Mounting

**Light Distribution**
- The rated voltage, frequency, power consumption, and other specifications are subject to the following conditions:

**Note**
- The recommended replacement frequency of fluorescent lamps is every 15 years and their usage should be less than 15 hours per day (5000 hours of lighting per year).
**Lighting Fittings**

**AZAC series**
- AZAC-422 (4 x 22W lamps)
- AZAC-322 (3 x 22W lamps)

**Dimensions**
- AC 200V, 250V, 240V

**Explosion Proof Type Ceramic Metal Halide Lighting Fittings**

**SZAB series**
- 360W type
- 270W type
- 250W type
- 180W type

**Explosion Proof Type High-Pressure Sodium Lighting Fittings**

**NZAB series**
- 360W type
- 270W type
- 220W type
- 180W type

**Control Units for Control Box**
- For a combination of control units and their specifications, please feel free to consult us.

**Other Devices**
- Flameproof Type Plug Socket ZERA
- Flameproof Circuit Breaker
- Flameproof Motor Breaker
- Explosionproof Cable Gland ZCGS

*Information in the brochure is as of May 2013. It is subject to change without notice.*

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You can use this brochure as a poster.