



ERC

L'azienda

ERC is a company of international importance, a company able to develop its product according to the market needs, thus meeting the most difficult project requirements. ERC product range is composed of three divisions: supply components for industrial automation; energy; lighting components. ERC manufactures a wide range of lighting components aimed at meeting the different market requirements.

Fluorescent lamps: electronic and magnetic ballasts belong to the range of constructive solutions designed for tubular and compact fluorescent lamps. Magnetic ballasts are supplied at mains frequency while electronic ballasts operate at high frequency (20÷40 kHz).

HID lamps: the abbreviation HID (High Intensity Discharge) defines a large group of lamps subdivided in different categories according to the main element of the gas mixture. Some HID lamps, like high pressure sodium vapour lamps (NaH) and metal halide lamps (Hgl) to be started require an additional device, the ignitor, which supplies the sufficient energy to ignite the lamp. ERC offers a large range of ignitors covering all types of HID lamps.

Halogen lamps: electronic and magnetic transformers are products designed to operate low voltage halogen lamps, which are more and more widely installed in civil and services sectors.

Emergency lighting systems: these systems consist of a control unit connected to batteries. According to the type of installation, various control units can be connected together to form a complex emergency lighting system. In case of mains voltage failure, emergency systems supply an artificial light used as safety lighting (i.e. for escape routes, hazardous workplaces, anti-panic areas) or as stand-by lighting (i.e. for areas in which normal activities must be continued). ERC offers a wide range of components for emergency lighting, allowing to create complete and customised systems to meet various requirements.

Among these, control units LFE MP and LFE PMP with self-test facility, stand out; these control units solve the problem of periodical functional checks, with solutions covering any distance from the emergency lighting system.

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