

Press release on product group fixed output
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Perfection for all compact fluorescent lamps

PC TC PRO from Tridonic, the fixed-output ballasts for compact fluorescent lamps, are now based on innovative “xitec” technology. These devices are extremely energy-efficient and can be switched via presence sensors or ambient light sensors, making them suitable for a wide range of applications.

Dornbirn, Austria – From Light & Building 2010 onwards, the innovative and successful “xitec” technology will form the basis for PC TC PRO electronic ballasts from TridonicAtco GmbH & Co. KG for compact fluorescent lamps for luminaire installation and their surface-mounted counterparts PC TC PRO sr. As before, one of the characteristic features of these devices for operating compact fluorescent lamps is their ability to offer perfect lamp management – in other words high lighting comfort and exceptional quality of light. Among other things, lamp management includes disconnection of faulty lamps, automatic restart after relamping and constant luminous flux even if there are fluctuations in the mains voltage. In addition, the SMART Heating Concept ensures long lamp life thanks to controlled hot restrike.

The intelligent circuitry is also impressive for its economical use of resources. PC TC PRO and PC TC PRO sr are now rated in Energy Efficiency Class A2 and A2 BAT (Best Available Technology), the future standard for minimising energy consumption.

Demand-led switching via presence sensors or ambient light sensors is still a very popular approach as it significantly reduces the energy consumption of a lighting system compared to continuous operation and improves the economy of the system. This improvement is due in part to the long device and lamp lifetime figures, which are not adversely affected by frequent on/off switching thanks to the excellent gentle hot restrikes.

PC TC PRO and PC TC PRO sr are each available in a choice of two casing versions, each with extremely compact dimensions. A total of only ten devices cover the entire range of TC-D, TC-T, TC-L and TC-F compact fluorescent lamps with wattages from 9 W to 70 W, including the extremely “economical” TC-T HE 11 W, 14 W and 17 W lamps. The special feature of the new PC TC PRO generation is that for low wattages two lamps can be operated on a single-lamp device. The reduced number of devices and the positioning of the mains and lamp terminals on one side result in outstanding benefits for the use. This is also true of the sr versions in which protection against accidental terminal contact and improved plug-in terminals mean that no tools are needed for installation.

These properties make the PC TC PRO and PC TC PRO sr ballasts from Tridonic an outstanding choice not only for installation or mounting but also for energy-efficient operation – reliability and durability in perfect combination.

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The press release and image are available for downloading from:

<http://www.tridonic.com>

About Tridonic

Tridonic, a company based in Dornbirn/Austria, develops, manufactures and markets control gear for a variety of light sources, lighting management systems, LED solutions and connecting technology. Through our active partnership, outstanding service competence and technical expertise Tridonic enables customers to implement lighting solutions of superior functionality and efficiency.

In the 2008/09 financial year, Tridonic's 1,900 staff members working at 30 branch offices produced a turnover of EUR 366 million. More than 250 design engineers provide sophisticated systems and products. Over 200 inventions and more than 2,000 patents are proof of Tridonic's innovative power. Customers of the company include luminaire manufacturers, manufacturers utilising lighting solutions, architects, lighting designers, electrical consultants and installers as well as wholesalers.

Tridonic's history goes back more than 50 years: a success story with many highlights. According to the company's principle "enlightening your ideas", Tridonic today stands for excellent products and services around the fascinating subject of light. For more information, please visit www.tridonic.com