Health-care centre Glarus Süd, Switzerland

▼ Project data:

__Application: Health, Sport and Leisure
__Product group: PCA

With a variety of memory plugs – called SMART Plugs – Tridonic shows how easy it can be to configure a lighting system. By inserting the plugs into the new generation of dimmable PCA ballasts, pre-defined settings can be transferred quickly and easily.

Convenient transfer of configuration settings
The configuration settings for the ballast are stored on the SMART Plug MA (MA stands for "Maintenance"). If the device has to be replaced, the configuration settings stored on the SMART plug can be transferred to the new ballast by inserting it into the new device. Thus, elaborate re-configurations have now become a thing of the past.

Individual dimming level retention time
If the ballast is linked to an external presence detector, the corridorFUNCTION parameters can easily be configured using the SMART Plug cF. The SMART Plug cF 1min keeps the dimming level at 10 percent for one minute, after which the luminaires are switched off. The SMART Plug cF 30min provides an extended retention time of 30 minutes, while the Never-off Plug ensures a constant dimming level of 10 percent. As soon as the SMART plug is connected to the ballast's SMART interface, the corresponding corridorFUNCTION profile will be enabled in the ballast.

A variety of combination options
The digitally dimmable ballasts of the PCA EXCEL one4all range support all three types of plugs. The corridorFUNCTION can be controlled by the PCA BASIC and ECO ranges. In addition, SMART sensors for ambient-light-based control or presence-based control can be connected via the interface. Sensor functions work at room heights of up to 10 metres.

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