

Lighting control for the exhibition halls of a museum

SCU, light is under your control

SCU



Customer needs

Control the main lighting system for three exhibition halls separately and also by centralized actuation.

It must be possible to adjust the lighting so as to be able to lower the luminosity level and adapt lighting consumption to the needs.

A minimum of two lighting levels must be feasible in a simple manner.

Users / customer benefits

- **ease of use:** a single press on the external push buttons can call up the two lighting levels memorized in the remote control dimmer,
- **clear indications on the front of the remote control dimmer:** the indicator lamp on the control push button on the front displays its status: in operation or in fault mode,
- **reliability:** the remote control dimmers are provided with electronic protective devices,
- **energy savings:** a mere 25% light variation can generate 20% energy savings.

Proposed solution

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The lighting system consists of fluorescent tubes provided with electronic ballasts with 1-10 V control.

The solution is to separate the exhibition halls into three different thematic areas.

The use of three SCU10-SAE remote control dimmers will ensure centralized control of the three areas and allow memorizing of two lighting levels.



Exhibition halls of a museum

Preferred application

- offices and educational institutions,
- hotels,
- industry,
- housing, etc.

Variation + central control = quality of lighting and operating comfort

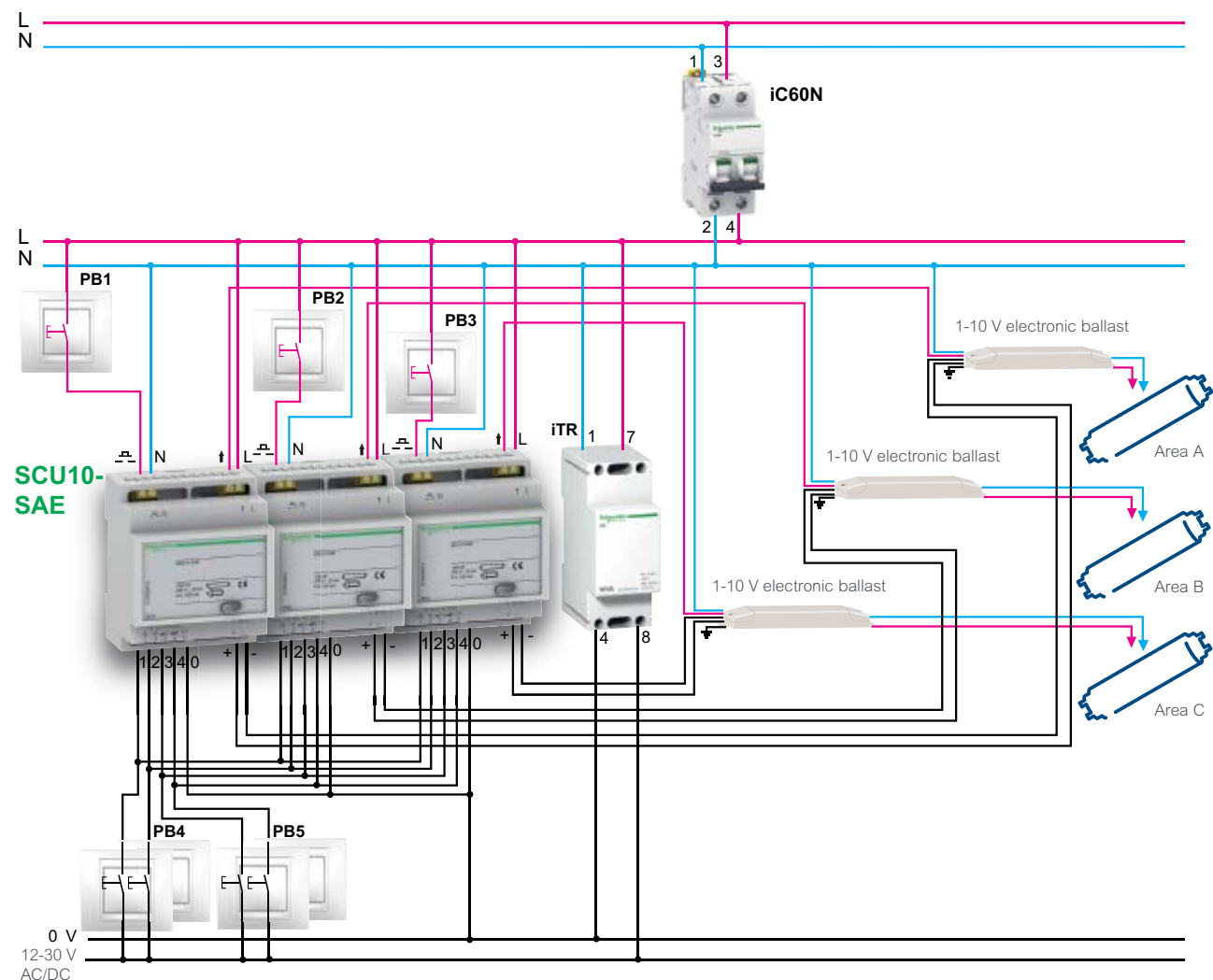
Specifications

The lighting system is implemented by fluorescent tubes with 1-10 V electronic ballasts.

The system consists of several lighting areas, and each area can be switched on or off separately, with the possibility of variation in the luminosity level. These operations shall be performed via simple push buttons.

Master control by push buttons shall ensure: memorizing of two lighting scenarios, master control of switching on/off and luminosity variation for all the areas.

Solution diagram



Products used

Product	Description	Unity	Cat. no.
SCU10-SAE	1-10 V remote control dimmer with card having four digital inputs	3	CCTDD20012
iC60N	C16 A 1P+N circuit breaker	1	-
iTR	230 V AC / 8-12 V AC – 4 VA transformer	1	A9A15213

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