

## IRE Infrared Receiver

### Application

This accessory, directly connected to a controller of the series RCC1xx-L, LCC1xx-L and SCC1xx-L, enables lighting, sunblind and HVAC management. It transmits orders emitted by an infrared remote control.



Content	Page
Important Information Regarding Product Safety .....	2
Overview .....	3
Features and Benefits.....	3
Item.....	3
Technical Data.....	3
Accessories (not included in delivery) .....	4
Dimensions.....	4
Mounting .....	4

Änderungen vorbehalten - Contents subject to change - Sous réserve de modifications - Reservado el derecho a modificación - Wijzigingen voorbehouden - Con riserva di modifiche - Innehåll som skall ändras - Změny vyhrazeny - Zmiany zastrzeżone - Возможны изменения - A változtatások jogát fenntartjuk - 保留未经通知而改动的权力

## Important Information Regarding Product Safety

### Safety Instructions

This data sheet contains information on installing and commissioning the product "IRE". Each person who carries out work on this product must have read and understood this data sheet. If you have any questions that are not resolved by this data sheet, you can obtain further information from the supplier or manufacturer.

If the product is not used in accordance with this data sheet, the protection provided will be impaired.

Applicable regulations must be observed when installing and using the device. Within the EU, these include regulations regarding occupational safety and accident prevention as well as those from the VDE (Association for Electrical, Electronic & Information Technologies). If the device is used in other countries, it is the responsibility of the system installer or operator to comply with local regulations.

Mounting, installation and commissioning work on the devices may only be carried out by qualified technicians. Qualified technicians are persons who are familiar with the described product and who can assess given tasks and recognize possible dangers due to technical training, knowledge and experience as well as knowledge of the appropriate regulations.

### Legend



#### WARNING

Indicates a hazard of medium risk which can result in death or severe bodily injury if it is not avoided.



#### CAUTION

Indicates a hazard of low risk which can result in minor or medium bodily injury if it is not avoided.



#### CAUTION

Indicates a hazard of medium risk which can result in material damage or malfunctions if it is not avoided.



#### NOTE

Indicates additional information that can simplify the work with the product for you.

### Notes on Disposal

For disposal, the product is considered waste from electrical and electronic equipment (electronic waste) and must not be disposed of as household waste. Special treatment for specific components may be legally binding or ecologically sensible. The local and currently applicable legislation must be observed.

**Overview**

The IRE receiver receives orders provided by a control interface, and transmits them to a lighting, sunblind or HVAC (Heating, Ventilation and Air-Conditioning) controller via a RJ9 cable.

**Features and Benefits**

Discreet accessory (infrared receiver is slotted into the ceiling).

Infrared receiver can be connected either to a lighting, sunblind or HVAC controller through a RJ9 digital link.

**Item**

IRE

Transparent infrared receiver

**Technical Data**

Nominal voltage	■ 5 V; 5 mA; supplied by a controller
Interfaces	■ Infrared ■ Data communication; directly connected to a controller by a digital RJ9 link
Ambient temperature	■ +5 °C to +45 °C
Ambient humidity during operation	■ +20 % to +90 % without condensing
Degree of protection	■ IP20
Housing	■ PMMA
Weight	■ 0.17 kg
Dimensions W x H x D	■ Body ø 17.8 x 64; half-sphere ø 24 x 9 mm

**Accessories (not included in delivery)**

**Remote Control**



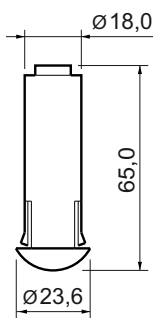
RBW119-IR

Infrared remote control

**Wiring for Accessories**

- Z178-CIAT      Connection line between room control module and room controller (RJ9 plug on both sides; 1,5 m)
- Z178            Connection line between room control module and room controller (RJ9 plug on both sides; 10 m)
- Z178-15M      Connection line between room control module and room controller (RJ9 plug on both sides; 15 m)
- Z178/2         Adapter RJ9 plug - terminal block 4 pole for the connection to a 2 x 2 x 0.8 YST cable

**Dimensions**



**Mounting**



**CAUTION**

Only qualified technicians may install or remove the device.

**Ceiling mounting of the IRE receiver**

