

IRE-U

General

The IRE-U receives codes from the handheld transmitter and forwards them to the master module in digital format. The information then comprises the receiver's address and the channel number transmitted by the handheld transmitter. This lets the master know exactly which key code is received from which receiver. Using software you can then easily assign different circuits to a handheld transmitter (with the same keys) simply by detecting from which receiver (room) the signal is coming. Thanks to a special transmission system and carrier frequency of



455kHz the infrared remote control is resistant to interference (e.g. by adjustable fluorescent lamps, electronic ballast).

Function displays

- 1 flashing green LED indicates that an IR command is being received

Connections

- 1 connection for the subnet (BUS A and B, RS-485)
- 1 connection for the operating voltage (Ub, 0V)

Design

- Under-Plaster cover, pure white

Special function DIP switch 1

- Baudrate
 - switch OFF data transmission rate 38400 Baud
 - switch ON data transmission rate 9600 Baud

Technical data

Type	IRE-U
Art. Nr.	80040150
Operating voltage	12-26V DC
Current consumption	max. 65mA at 24V
Carrier frequency	455kHz
Range	30-50m, according to remonte and room conditions
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	DxT, 51x26mm, cover 80x80mm
Weight	100g
Connection	Screw terminals
Operating temperature	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0...85 % r.F. non condensing

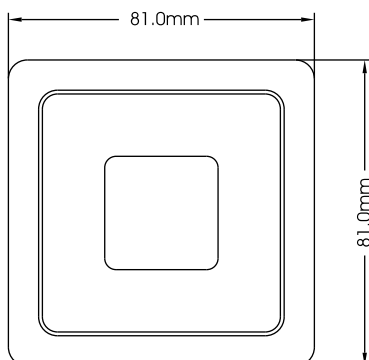
Technical data

IRE-U	Continued
Protection grade	IP40
ESD immunity	Category 3 according IEC1000-4-2
EMV immunity	Use in typical industrial enviroment. Category 3 according to IEC-1000-4-4 (Test was carried out within a whole system)
CE sign	yes

Terminal assignment

Sh.	frei
\cong Ub	Betriebsspannung
0V	Betriebsspannung
A	Subnet (BUS A, RS-485)
B	Subnet (BUS B, RS-485)

View



Wiring diagram

