

IR-LINK-8



General

The audio-visual module controls appliances with an IR interface via the ISYGLT building management system. The module offers a straightforward means of issuing the relevant command sequences of the IR remote controls for the most diverse appliances. The module can manage 255 different IR commands. The command sequences of the remote controls are taught in by a scanner (article no. 80087210) in conjunction with a PC (software IR SCAN) and are saved

under a corresponding command number. Both the individual commands and the command sequences can be processed according to user specifications via the ISYGLT system.

Outputs

- 8 outputs for IR LED 5V 50mA connection (current limitation by resistance)

Function displays

- 1 red LED indicates the operating voltage
- 1 flashing yellow LED signalise the communication with the master via subnet

Connections

- 2 connections for the subnet (BUS A and B, RS-485)
- 2 connections for the operating voltage (Ub, 0V)
- 8 outputs A1..A8 and K1...K8 for IR LED connection (A=anode, K=cathode)
- 1 RS-232 interface (SUB-D 9 pole) for setting the parameters of the module via PC (this is located under the cover)

Design

- Light grey plastic casing, can be snapped onto 35 mm DIN rail mounting 6 separating units

Technical data

Type	IR-LINK-8
Art. Nr.	80087200
Operating voltage	12V to 35V DC or 12V to 27V AC
Current consumption	standby: 12V= 40mA ; 24V= 25mA; 35V= 18mA modul active (IR send all 8 LED connected) short-time 12V = 350mA, 24V= 180mA, 35V= 150mA
Outputs	8 connections for IR-LED 5V 50mA
IR send diodes	2 parts of send diodes (Art. Nr. 80087201) are included in the delivery content. Further diodes can be ordered.
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	BxHxT 106x90x59mm (6TE)
Weight	200g
Connection	Screw terminals 1,5mm ² , pluggable

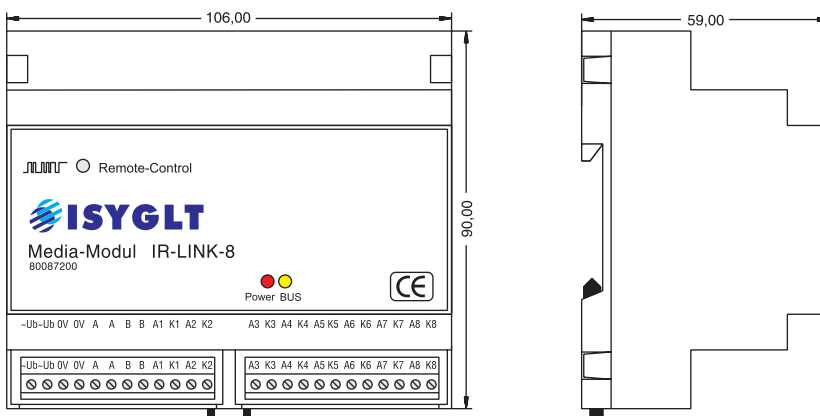
Technical data

IR-LINK-8	Continued
Operating temperature	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing
Protection grade	IP30
ESD immunity	Category 3 according to IEC-1000-4-2
EMV immunity	Use in typical industrial enviroment. Category 3 lt. IEC-1000-4-4 (Test was carried out within a whole system)
CE sign	yes

Terminal assignment

≅ Ub	Operating voltage	A3	Anode IR-LED 3
≅ Ub	Operating voltage	K3	Cathode IR-LED 3
0V	Operating voltage	A4	Anode IR-LED 4
0V	Operating voltage	K4	Cathode IR-LED 4
A	Subnet (BUS A, RS-485)	A5	Anode IR-LED 5
A	Subnet (BUS A, RS-485)	K5	Cathode IR-LED 5
B	Subnet (BUS B, RS-485)	A6	Anode IR-LED 6
B	Subnet (BUS B, RS-485)	K6	Cathode IR-LED 6
A1	Anode IR-LED 1	A7	Anode IR-LED 7
K1	Cathode IR-LED 1	K7	Cathode IR-LED 7
A2	Anode IR-LED 2	A8	Anode IR-LED 8
K2	Cathode IR-LED 2	K8	Cathode IR-LED 8

View



Wiring diagram

