



DATA SHEET

SIFB 2

Article number 09500222



[Internetlink](#)

Function

Remote controls are handheld transmitter/receiver devices for the operation of the system. Depending on the design, transmission occurs via infrared or wireless signal. The infrared receiver SIFB 2 is a component of the SI impulse system and facilitates the receipt of up to 8 switching commands from the DIR 2T transmitter. The receiver allows one of 8 command groups to be pre-selected, so that the number of switching or dimming commands can be extended to 64 if multiple receivers and remote controls are used.

Features

infrared receivers for up to 8 switching commands from the DIR 2T, cascable for up to 64 switching commands, no load through wireless frequencies, practical housing for on-wall or partially in-wall mounting

Mounting

on-wall mounting or, in-wall mounting in recessed socket

Applications

The combination infrared transmitter and receiver is suitable for use in privately used buildings, commercially used buildings, industrial buildings. They are primarily used where infrared transmissions are preferred, such as, when transmission of wireless commands may be disrupted, when remote controls are used in adjacent rooms and any chance of the handheld transmitters influencing each other, which could happen with wireless transmission, should be eliminated.

Accessories

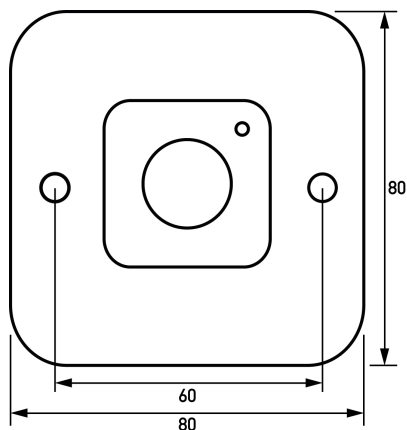
Remote controls DIR

Technical Data

Technical Data	SIFB 2
Series	SIFB 2
Wireless IF transmission	Infrared
Wireless IF acknowledgement of receipt	by LED
Wireless IF type modulation	PPM-Code (pulse position modulation)
Wireless IF carrier frequency	38 kHz
max. Wireless IF transmission range	12 m
max. Wireless IF transmission range free field	12 m
max. Wireless IF maximum possible number of receive commands	8
max. Wireless IF maximum possible number of receivers	1
max. Wireless IF maximum possible number of commands per receiver	8
Operating voltage source	external power supply
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
	Display Motion detection display

Technical Data	SIFB 2
Type	LED
	Semiconductor output
Load factor	20 ALF
	Spring-loaded clamp
Clamping area	0.4 mm ² ... 0.8 mm ²
General data description	General data
Operating position	any
Ambient temperature	-10 °C ... 45 °C
Housing type	wall-mounted housing, in-wall housing
Mounting type	Wall mounting
Housing material	Polycarbonate (PC)
Protection class	IP40
Width	80 mm
Height	80 mm

Dimensions



Dimensional drawing Group view