DATA SHEET

DCI 3 FB

Article number 09501227

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 DCI 3 FB radio bus gateway is a component of the Dupline bus system for linking 433 MHz radio bus components of Messrs Insta, Berker, Gira and Jung. The DCI 3 FB consists of a radio bus transmitter, as well as a receiver and is equipped as standard with an external antenna, which ensures optimum reception when the basic unit is installed in a DIN-rail distribution facility. The control elements (LC display, buttons and enrolling LED) on the front of the DCI 3 FB together with menu guidance in plain language enable user-friendly enrolling and deleting of radio components. The DCI 3 FB supports a wide variety of available radio bus components, as e. g. radio bus transmitter, hand transmitter, mini/standard/comfort and universal cord-fitted dimmer.

Features

Menu guidance via the 2-row LC display with background lighting, Push-buttons for navigation and selection, Enrolling LED for indication of enrolling and deleting processes, Frequency/modulation: 433.42 MHz / ASK (Amplitude Shift Keying), Radio Bus Receiver Unit
- Number of enrollable transmitters: 30
- Recognized commands per transmitter: 57
- Max. number of enrollable commands: 128

, Radio Bus Transmitter Unit
- Number of transmittable commands: 57

, Range (free field): 100 m

Mounting

quick fastening to mounting rail, any installation position

Applications

Extension of the Dupline two-wire system with wireless Radio Bus componentsin e. g. churches or schools which fall under historic monument protection, to avoid extensive renovation efforts for the usage of the Dupline bus system, for extention of the Dupline system with switch programmes based on the Radio Bus.

Accessories

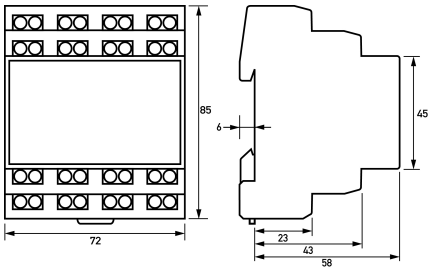
Remote controls DFF

Technical Data

Technical Data	DCI 3 FB
Series	DCI 3FB
design	Dupline
current consumption bus	1000 µA (800 µA ... 900 µA)
Wireless IF transmission	Wireless (wireless bus)
Wireless IF acknowledgement of receipt	by LED
Wireless IF type modulation	ASK (Amplitude Shift Keying)
max. Wireless IF transmission range free field	100 m
max. Wireless IF maximum possible number of transmission commands	57

Technical Data	DCI 3 FB
max. Wireless IF maximum possible number of receive commands	128
max. Wireless IF maximum possible number of receivers	30
max. Wireless IF maximum possible number of commands per receiver	57
Operating voltage (DC)	24 V (21.5 V ... 26.5 V)
max. Ripple voltage	0.1 V
Current consumption (DC)	0.03 A ... 0.048 A
	Display menügeführte Bedienung
Type	LC display (alphanumeric)
Dimensions	W 43.9 mm · H 10 mm
number of lines	2
Characters per line	16
Type	LED
	Strain relief clamp (Bus connection)
Clamping area	0.4 mm² ... 2.5 mm²
Tightening torque	max. 0.6 Nm
General data description	General data
Operating position	any
Ambient temperature	0 °C ... 45 °C
Permissible humidity	max. 85 %
Housing type	Distributor housing
Mounting type	Mounting rail
Housing material	Polycarbonate (PC)
Protection class	IP20
Width	72 mm
Height	85 mm
Depth	65 mm
Installation depth	58 mm
Width (modules)	4
Design requirements/Standards	EN 60669-1, EN 60669-2, EN 55022, EN 61000-6-3, EN 61000-6-1, EN 55024, EN 300220-1, EN 301489-1, EN 301489-3

Dimensions



Dimensional drawing Group view