



TYF642F

Fancoil 2 outputs 10A, hand status, KNX

Technical properties

Architecture

Bus system	EIB
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Functions

Fan convectors	for the electric activation of fan convectors ; activation of 1 or 2 fan channels with 6 or 3 fan stages ; for converting RTR control variables into valve positions, fan stages ; manual activation of blow fans using push-buttons or the operating panel ; 4 manual operation buttons for controlling fan stages and bus function on/off
Multi-phase mode	suitable to switch different external conductors
Operating mode	Operating modes heating, cooling or heating and cooling

Configuration

Channels	use of free channels to control switching loads
Number of modules	4

Controls and indicators

Operation	manual operation also possible without bus, e.g. on building site
Button / push-button	with programming button and red programming LED

Main electrical features

Frequency	50/60 Hz
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Voltage

Auxiliary voltage	230 V AC
Operating voltage over bus	21...32 V DC
System supply voltage	30V DC via bus

Dimensions

Depth	70 mm
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 modules
Height	90 mm
Width	72 mm

Power

Fluorescent lamps duo circuit	2300 W
Power consumed	0.15 W
Power consumption, KNX	max. 150 mW
Total power loss under IN	3 W

Conventional transformers	1200 VA
Electronic transformers	1500 W
Materials	
Colour independent of design lines	light grey
RAL colour	RAL 7035 - Light grey
Lighting control	
- uncompensated	1000 W
Fluorescent bulbs control	
Fluorescent lamps parallel compensated	1160 W
LED control	
LED	with 8 red status LEDs and 3 red LEDs as manual actuation indication
Incandescent bulbs control	
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Installation, mounting	
Mounting type	din-Rail
Connection	
Connection cross-sect. flexible conductor	0,75 / 4mm ²
Connection cross-sect. rigid cable	1,5 / 4mm ²
Conductor cross-section (flexible)	0.5...4 mm ²
Type of connection to the bus	TG008 connector
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via connecting terminal
Terminal type of the outputs	Cage terminals with screw
Settings	
Supported configuration modes	system
Safety	
REACH conform	Yes
RoHS conform	Yes
Use conditions	
Operating temperature	-5...45 °C
Storage/transport temperature	-25...70 °C (storage at > 45°C reduces the service life)
Identification	
Main design line	KNX
Instructions	
Information text	Comply with the fan convector manufacturer's instructions.