



TYF642F

Fancoil 2 outputs 10A, hand status, KNX

Technical characteristics

Architecture

Bus system EIB

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

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. |