TYF646M

Room actuator 4/2gang 16 A NO contact, m

Architecture

Bus system	KNX
Fixing mode	REG

Functions

- suitable to switch different external conductors
- any combined operation from drive and switching functions possible

Controls and indicators

- manual operation also possible without bus, e.g. on building site
- with programming button and red programming LED
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off

Connectivity

Number of binary inputs	2

- 2 additional electronic outputs (Triac) for connecting thermoelectric valve drives 230 V
- 4 outputs for switching from independent loads or activation of 2 drives

Voltage

Max. switching capacity at	230 V AC
Operating voltage over bus	21 32 V DC

Power

Fluorescent lamps duo circuit	2300 W /140 µF
Conventional transformers	1200 VA
Electronic transformers	1500 W

Materials

RAL colour	RAL 7035 - Light grey
Colour independent of design lines	light grey

Technical subject to change

Dimensions

Depth	70 mm
Height	90 mm
Width	72 mm
Width of rail mounted device (RMD)	4 modules

Fluorescent bulbs control

Fluorescent lamps parallel compensated	1160 W /140 µF

LED control

- with 6 red status LEDs and 3 red LEDs as manual actuation indication

Incandescent bulbs control

230 V halogen lamps	2500 W
230 V incandescent lamps	3000 W

Connection

Conductor cross-section (flexible)	0,5 4 mm²

- with integral bus coupling unit
- with screw terminals
- bus connection via connecting terminal

Settings

- with emergency programme, e.g. for sensor or bus failure

Equipment

- with 4 potential-free NO contacts as well as normally-closed contact can be parameterised
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control

Safety

Protection index IP	IP20
Halogen free	no

Use conditions

Operating temperature	-5 45 °C
Storage/transport temperature	-20 70 °C

Identification

Main design line	KNX