



TYA610C



Output module 10x 16A /230V~, KNX

Technical properties

Architecture

Fixing mode REG

Functions

Multi-phase mode suitable to switch different external conductors

Configuration

Number of modules 6

Controls and indicators

Indicator lamp yes

Manual selection switches / push-buttons manual operation buttons for on/off (up/down) and bus function on/off per channel/device

Main electrical features

Rated current 16 A

Voltage

Operating voltage over bus 21...32 V DC

System supply voltage 30V DC via bus

Electric current

Bus current consumption (data transfer) 16 mA

Bus current consumption (idle) 8 mA

Number of entry circuits 0

Maximum through current 16 A

Switching current at $\cos \varphi = 0.8$ max. 16 A

Dimensions

Depth 65 mm

Width of rail mounted device (RMD) 6 modules

Height 90 mm

Power

Total power loss under IN 1.5 W

Power dissipation per coil 0.15 W

Output power 2300 W

Conventional transformers 1600 VA

Electronic transformers 1200 W

Materials

| | |
|--|--|
| Colour | light grey |
| Lighting control | |
| Fluorescent lamps with electronical ballast (EB) | 20 x 36 W |
| - uncompensated | 1200 VA |
| Fluorescent bulbs control | |
| Energy-saving lamps | 18 x 23 W |
| Power lighting fluo lamps | 18x23W |
| Max. power fluo. duo lamp comp. series | 20 x 36 W |
| LED control | |
| Max number of LED/CFL lamps | 18 |
| Power LED | 216 W |
| Incandescent bulbs control | |
| Max. power with incandescent lamps | 2300 W |
| 230 V incandescent lamps | 2300 W |
| 230 V halogen lamps | 2300 W |
| 230 V incandescent lamps and halogen lamps | 2300 W |
| Connection | |
| Conductor cross-section (flexible) | 0.75...2.5 mm ² |
| Conductor cross-section (rigid) | 0.75...2.5 mm ² |
| Bus coupling unit | with integral bus coupling unit |
| Bus connection | bus connection via connecting terminal |
| Settings | |
| Supported configuration modes | system |
| Scope of delivery | |
| Bus connection included | Yes |
| Equipment | |
| Modular expandability | No |
| Safety | |
| Protection index IP | IP20 |
| Use conditions | |
| Operating temperature | -5...45 °C |
| Storage/transport temperature | -20...70 °C |
| Identification | |
| Main design line | KNX |