



TYA610A



Output module 10x 4A /230V~, KNX

Technical properties

Architecture

| | |
|-------------|-----|
| Bus system | KNX |
| 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 | 4 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 | 4 A |
| Switching current at $\cos \varphi = 0.8$ | max. 4 A |

Dimensions

| | |
|------------------------------------|-----------|
| Depth | 65 mm |
| Width of rail mounted device (RMD) | 6 modules |
| Height | 90 mm |

Power

| | |
|-------------------------------------|--------|
| Max. power with electronic transfo. | 800 W |
| Total power loss under IN | 0.7 W |
| Power dissipation per coil | 0.15 W |
| Output power | 800 W |
| Conventional transformers | 800 VA |
| Electronic transformers | 800 VA |

Materials

| | |
|--------|------------|
| Colour | light grey |
|--------|------------|

Lighting control

| | |
|--|-----------|
| Fluorescent lamps with electronical ballast (EB) | 12 x 36 W |
|--|-----------|

Fluorescent bulbs control

| | |
|--|-----------|
| Energy-saving lamps | 6 x 23 W |
| Power lighting fluo lamps | 6x23W |
| Max. power fluo. duo lamp comp. series | 12 x 36 W |

LED control

| | |
|-----------------------------|------|
| Max number of LED/CFL lamps | 6 |
| Power LED | 72 W |

Incandescent bulbs control

| | |
|--|-------|
| Max. power with incandescent lamps | 800 W |
| 230 V incandescent lamps | 800 W |
| 230 V halogen lamps | 800 W |
| 230 V incandescent lamps and halogen lamps | 800 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 |
|------------------|-----|