



**Switch actuator/blind actuator 20/10gang pro RMD for C load 16 A with plug-in terminals, KNX, light grey**

Technical features

**Architecture**

|             |     |
|-------------|-----|
| Bus system  | yes |
| Fixing mode | REG |

**Functions**

|                |  |
|----------------|--|
| Operating mode | any combined operation from drive and switching functions possible |
|----------------|--|

- suitable to switch different external conductors
- with positioning function for blind and lamella position
- with safety functions e.g. for wind, rain, alarm
- with sun shade function
- For switching, e.g. of 10 independent loads or activation of 5 drives

**Controls and indicators**

|                |     |
|----------------|-----|
| Indicator lamp | yes |
|----------------|-----|

- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- status LED integrated in the manual operation button
- manual operation buttons for on/off (up/down) and bus function on/off per channel/device
- with illuminated programming button

**Connectivity**

|                           |    |
|---------------------------|----|
| Bus system radio frequent | no |
| Bus system LON            | no |
| Bus system Powernet       | no |

**Main electrical features**

|                              |       |
|------------------------------|-------|
| Rated operational voltage Ue | 230 V |
| Rated current                | 16 A  |

**Voltage**

|                            |                |
|----------------------------|----------------|
| Operating voltage over bus | 21...32 V DC   |
| Output voltage             | 230 V~         |
| System supply voltage      | 30V DC via bus |

**Electric current**

|   |      |
|---|------|
| Bus current consumption (data transfer) | 5 mA |
| Bus current consumption (idle)          | 3 mA |
| Maximum through current                 | 16 A |
| Rated current                           | 16 A |

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### Power

|                                     |         |
|-------------------------------------|---------|
| Max. power with electronic transfo. | 1500 W  |
| Output power                        | 2300 W  |
| Max. switching power                | 28750 W |
| Conventional transformers           | 1500 VA |
| Electronic transformers             | 1500 W  |
| C-load                              | yes     |

### Materials

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

### Dimensions

|                                    |            |
|------------------------------------|------------|
| Depth                              | 65 mm      |
| Width of rail mounted device (RMD) | 10 modules |
| Height                             | 90 mm      |

### Lighting control

|  |           |
|--|-----------|
| Fluorescent lamps with electrical ballast (EB) | 20 x 36 W |
| - uncompensated                                | 1200 VA   |

### Fluorescent bulbs control

|  |                |
|--|----------------|
| Energy-saving lamps                    | 25 x 18 W      |
| Power lighting fluo lamps              | 25x18W         |
| Max. power fluo. duo lamp comp. series | 27 X 36W       |
| Fluorescent lamps parallel compensated | 1000 W /130 µF |

### LED control

|                             |  |
|-----------------------------|--|
| Max number of LED/CFL lamps | 25   |
| 230V LED lamps              | 25 x 18 W  |
| Power LED                   | 450 W  |
| LED                         | Status LED integrated in manual operation button |

### 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

|  |                         |
|--|-------------------------|
| Connection cross-sect. flexible conductor  | 0,5 / 4mm <sup>2</sup>  |
| Connection cross-sect. rigid cable   | 0,5 / 6mm <sup>2</sup>  |
| Type of load   | C-Load                  |
| Conductor cross-section (flexible)   | 0,5...4 mm <sup>2</sup> |
| Conductor cross-section (rigid)  | 0,5...6 mm <sup>2</sup> |
| Type of contacts   | 20F                     |
| Type of connection   | with screw              |
| <ul style="list-style-type: none"> <li>- with integral bus coupling unit</li> <li>- with QuickConnect plug-in terminals</li> <li>- bus connection via connecting terminal</li> </ul> |                         |

### Settings

|  |        |
|--|--------|
| Supported configuration modes                      | system |
| - switching time on change of direction adjustable |        |

### Scope of delivery

|                         |     |
|-------------------------|-----|
| Bus connection included | yes |
|-------------------------|-----|

### Equipment

|   |     |
|---|-----|
| Modular expandability   | no  |
| Different phases connectable  | yes |
| With slide for manual switch  | yes |
| - with potential-free NO contacts as well as NC contact parameterisable |     |

### Use

|  |                        |
|--|------------------------|
| Differentiation characteristic 3 - Sales | with plug-in terminals |
|--|------------------------|

### Safety

|                     |      |
|---------------------|------|
| Protection index IP | IP20 |
|---------------------|------|

### Use conditions

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

### Identification

|                  |     |
|------------------|-----|
| Device family    | TYM |
| Main design line | KNX |