



EEN101



IP20

Twilight switch 1 channel, 1M, flush mounted cell

Technical characteristics

Architecture

| | |
|-------------|----------|
| Fixing mode | Din-Rail |
|-------------|----------|

Configuration

| | |
|-------------------|---|
| Number of modules | 1 |
|-------------------|---|

Controls and indicators

| | |
|-----------------|---|
| Presence button | 0 |
|-----------------|---|

Main electrical features

| | |
|------------------------------|-------|
| Rated operational voltage Ue | 230 V |
| Frequency | 50/60 |

Voltage

| | |
|-------------------|------------------|
| Operating voltage | 230 V~ +10%/-15% |
|-------------------|------------------|

Electric current

| | |
|------------------------------------|------|
| Acceptable current rating with AC1 | 16 A |
| Max. power with cos phi 0.6 | 10 A |

Dimensions

| | |
|------------------------------------|-----------|
| Depth of installed product | 65 mm |
| Height of installed product | 83 mm |
| Length | 60 mm |
| Width of installed product | 17.8 mm |
| Width of rail mounted device (RMD) | 1 modules |

Frequency

| | |
|-----------------|------------|
| Frequency range | 50...60 Hz |
|-----------------|------------|

Length

| | |
|--|------|
| Maximum connection distance between receiver and transmitter | 100m |
|--|------|

Power

| | |
|--|---------|
| Fluorescent lamps duo circuit | 1000 W |
| Max. power with fluo uncompensated lamps | 1000 VA |
| Power consumed | 0.3 VA |
| Power consumption (operation) | 300 mW |
| Incandescent bulb power | 2300 W |
| Total power loss under IN | 0.3 W |

| | |
|---|---|
| Power dissipation per coil | 0.3 W |
| Max. Breaking capacity for parallel compensated fluorescent tubes | 200 W |
| Max. Breaking capacity for row-compensated fluorescent tubes | 1000 W |
| Endurance | |
| Electrical endurance cycles with incandescent lighting | 7500 |
| Electrical durability at nominal load in AC1 in operating cycles | 50000 |
| Electrical durability with parallel compensated fluorescent tubes | 4000 |
| Electrical durability with row-compensated fluorescent tubes | 7500 |
| Power supply | |
| Supply voltage | 230 V |
| Lighting control | |
| Brightness measurement range | 5 / 2000 Lux |
| Fluorescent bulbs control | |
| Max. power with fluorescent parallel lamps | 1000 VA |
| Max. power fluo. duo lamp comp. series | 1000 W |
| Fluorescent lamps parallel compensated | 1000 W |
| Fluorescent lamps uncompensated | 1000 |
| Incandescent bulbs control | |
| Max. power with incandescent lamps | 2300 W |
| 230 V incandescent lamps and halogen lamps | 2300 W |
| Installation, mounting | |
| Mounting type | din-Rail |
| Installation mode | for mounting on DIN rail,Built-in sensor for mounting in waterproof housing |
| Connection | |
| Connection cross-sect. flexible conductor | 1,5 / 6mm² |
| Connection cross-sect. rigid cable | 1,5 / 6mm² |
| Number of contacts | 1 |
| Type of contacts | contact floating |
| Type of connection | with screw terminals |
| Settings | |
| Delay ON | 60 s |
| Delay OFF | 80 s |
| Setting | Switch-on/switch-off delay continuously adjustable via potentiometer |
| Equipment | |
| Brightness | On/off brightness value individually adjustable |
| Potential-free | with potential-free normally-open contact |

Subject to technical modifications

| | |
|-------------------------------|--|
| Safety | |
| Protection index IP | IP20 |
| Use conditions | |
| Operating temperature | -5...45 °C |
| Storage/transport temperature | -25...70 °C |
| Identification | |
| Main design line | House electronics |
| Search words | Brightness measuring device;Built-in sensor;Brightness sensor;Energy-efficient;Lighting suited to requirements;Ideal lighting;Lighting control;Lighting control; |