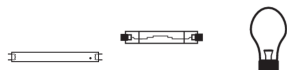




EEN100



IP20

Twilight switch 1 channel, 1M, wall mounted cell

Technical properties

Configuration

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

Controls and indicators

| | |
|-----------------|----|
| Presence button | No |
|-----------------|----|

Main electrical features

| | |
|------------------------------|-------|
| Rated operational voltage Ue | 230 V |
|------------------------------|-------|

| | |
|-----------|----------|
| Frequency | 50/60 Hz |
|-----------|----------|

Voltage

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

Electric current

| | |
|-----------------------------|------|
| Max. power with cos phi 0.6 | 10 A |
|-----------------------------|------|

Dimensions

| | |
|----------------------------|-------|
| Depth of installed product | 65 mm |
|----------------------------|-------|

| | |
|-----------------------------|-------|
| Height of installed product | 83 mm |
|-----------------------------|-------|

| | |
|----------------------------|---------|
| Width of installed product | 17.8 mm |
|----------------------------|---------|

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 | 0.331 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 W |
| Incandescent bulbs control | |
| Max. power with incandescent lamps | 2300 W |
| Installation, mounting | |
| Mounting type | din-Rail |
| Installation mode | for mounting on DIN rail ; Extension sensor for wall and ceiling mounting |
| Connection | |
| Connection cross-sect. flexible conductor | 1,5 / 6mm ² |
| Connection cross-sect. rigid cable | 1,5 / 6mm ² |
| 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 |
| Safety | |
| REACH conform | No |
| RoHS conform | Yes |
| Halogen free | No |
| Identification | |
| Main design line | House electronics |