



EH111



Time switch daily cycle with reserve

Technical properties

Functions

| | |
|-----------------------------|--|
| Number of function channels | 1 |
| Switching cycles | min. 50000 |
| Slide switch | with slide switch for permanent on/automatic |
| Power reserve | ≈ 200 h |

Configuration

| | |
|-------------------|---|
| Switch mode | change-over contact, usable as NC or NO |
| Number of modules | 3 |

Main electrical features

| | |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

Voltage

| | |
|-------------------|--------|
| Operating voltage | 230 V~ |
|-------------------|--------|

Electric current

| | |
|----------------------------------|----------|
| Max. power with cos phi 0.6 | 3 A |
| Switching current at cos φ = 0.6 | max. 3 A |

Dimensions

| | |
|------------------------------------|-----------|
| Depth of installed product | 60 mm |
| Height of installed product | 90 mm |
| Width of installed product | 54 mm |
| Width of rail mounted device (RMD) | 3 modules |

Power

| | |
|-------------------------------|--------|
| Power consumed | 0.5 VA |
| Power consumption (operation) | 0.5 VA |
| Total power loss under IN | 1 W |
| Loss power at full load | ≈ 1 W |
| Power dissipation per coil | 0.5 W |

Battery

| | |
|---|---|
| Battery / storage battery | with integrated storage battery for power reserve |
| Charging time of the power reserve in hours | 120 |

Fluorescent bulbs control

| | |
|---------------------------|------------|
| Compact fluorescent lamps | max. 200 W |
|---------------------------|------------|

Incandescent bulbs control

Max. power with incandescent lamps

900 W

230 V incandescent lamps and halogen lamps

max. 900 W

Installation, mounting

| | |
|-------------------|--------------------------|
| Mounting type | surface-mounted |
| Installation mode | for mounting on DIN rail |

Connection

| | |
|---|---------------------------------------|
| Connection cross-sect. flexible conductor | 1 / 4mm ² |
| Connection cross-sect. rigid cable | 1 / 4mm ² |
| Conductor cross-section (flexible) | 1...4 mm ² |
| Conductor cross-section (rigid) | 1...4 mm ² |
| Number of contacts | 1 |
| Type of contacts | 1 changeover |
| Type of connection | with screw terminals |
| Contact | with potential-free switching contact |
| Type of connection | with screw |

Settings

| | |
|-----------------------------|---------------------------|
| Number of program steps | 96 |
| Summer / Winter time change | manual |
| Shortest switching time | 15 mn |
| Type of programming | analog |
| Program cycles | Programme cycle: 24 hours |
| Programming cycle | 24H |
| Setting | Setting via day dial |

Equipment

| | |
|--|------------|
| Number of channels | 1 |
| Number of switching times for on/off | 96 |
| Supply failure reserve | 200 h |
| Switching cycles at $\cos \varphi = 0,6$ | min. 20000 |

Use

| | |
|-------|-------|
| Cycle | daily |
|-------|-------|

Use conditions

| | |
|-------------------------------|-------------|
| Operating temperature | -10...55 °C |
| Working accuracy | 1 |
| Storage/transport temperature | -10...55 °C |