



## Time switch daily cycle with reserve

EH111

### Architecture

|                   |  |
|-------------------|--|
| Fixing mode       | Din-Rail                               |
| Technical version | Change-over contact, time scale 15 min |

### Functions

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

### Configuration

- change-over contact, usable as NC or NO

### Main electrical features

|                              |       |
|------------------------------|-------|
| Rated operational voltage Ue | 230 V |
| Frequency                    | 50 Hz |

### Voltage

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

### Electric current

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

### 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  |

#### Measurement

|                  |           |
|------------------|-----------|
| Running accuracy | ± 1 s/day |
|------------------|-----------|

#### Battery

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

#### 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 |

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

#### 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                       |
| Astro program               | no                        |
| - 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 φ = 0,6      | min. 20000 |

**Use**

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

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**Safety**

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

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**Use conditions**

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|                       |           |
|-----------------------|-----------|
| Operating temperature | -10 45 °C |
|-----------------------|-----------|

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|                  |   |
|------------------|---|
| Working accuracy | 1 |
|------------------|---|

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|                               |           |
|-------------------------------|-----------|
| Storage/transport temperature | -20 70 °C |
|-------------------------------|-----------|

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**Identification**

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|                  |               |
|------------------|---------------|
| Main design line | Light control |
|------------------|---------------|

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