

# Digital 1 channel day/week timer

Integrated NFC, for DIN rail mounting



## Technical Data

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Net width (mm)                      | 35,80                            |
| Net height (mm)                     | 90,00                            |
| Min. ambient temperature (°C)       | -30                              |
| Max. ambient temperature (°C)       | 55                               |
| Operating voltage AC (V)            | 230                              |
| Power consumption                   | 0,2-1,0W                         |
| Switching contacts                  | 1 CO                             |
| Contact material                    | AgSnO <sub>2</sub>               |
| Switching capacity [Resistive]      | 16A / 250V~ bei cosΦ=0,6         |
| Switching capacity [inductive load] | 10A / 250VAC at Φcos =0.6        |
| Switching capacity (kW)             | 1000mW (10V/10mA)                |
| Inrush current                      | Max. 50A / max. 20ms             |
| Switching functions                 | ON, OFF, Pulse, Extra, Permanent |
| Memory (GB)                         | 56                               |
| Shortest switching distance         | 1 min.                           |
| Accuracy                            | Quarz: ≤±0.5 sec./day            |
| Power reserve                       | 10 years                         |
| Data storage                        | Unlimited                        |
| Display                             | LCD with backlight               |

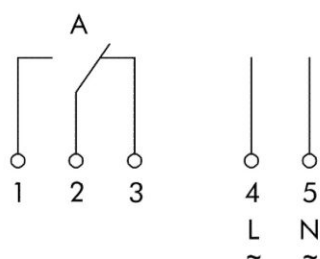
## Technical Data - continued

|                                            |                                  |
|--------------------------------------------|----------------------------------|
| Temperature range - Operation (°C)         | -30 to +55                       |
| Housing                                    | Self-extinguishing thermoplastic |
| Mounting                                   | 35mm DIN-Rail                    |
| Connection type                            | Screw clamps                     |
| IP Rating                                  | IP20                             |
| Protection class                           | II                               |
| Pollution degree                           | 2                                |
| Accessories                                | Programmable via NFC app         |
| Rated impulse withstand voltage [Uimp] (V) | 4kV                              |

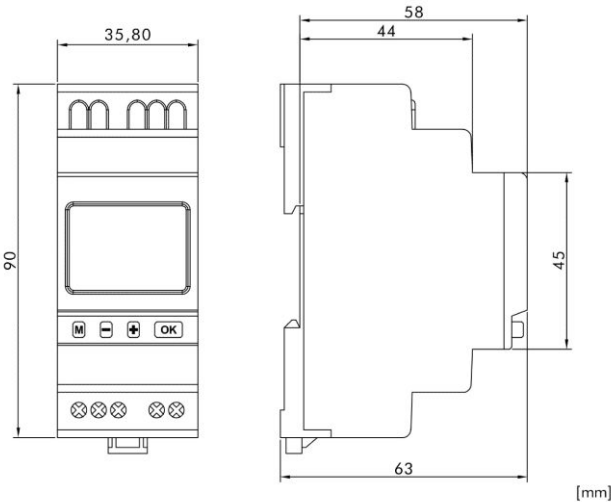
## Switching loads

|                                       |       |
|---------------------------------------|-------|
| Incandescent bulbs, halogen lamps     | 2000W |
| Fluorescent lamp uncompensated        | 1000W |
| Fluorescent lamp row compensated      | 1000W |
| Fluorescent lamp parallel compensated | 550W  |
| Energy saving lamp                    | 200W  |
| LED (230VAC)                          | 200W  |

## Circuit diagram: Digital 1 channel day/week timer



**Dimensioned drawing: Digital 1 channel day/week timer**



| DESCRIPTION                           | Order No. |
|---------------------------------------|-----------|
| Digital 1 channel day/week timer      | BZH14071  |
| Integrated NFC, for DIN rail mounting |           |