

# Digital time switches

# Logik Y / Logik Y2 / Logik Y4

Digital time switches in 2 and 4 DIN modules (Logik Y4) contains ideal to manage electric loads during the day, the week, the month and the year with maximum precision.



- 1 Backlit display to view time, day, date, relay status and program
- 2 Sealable cover
- 3 Modular version 2 DIN (Logik Y / Y2)
- 4 Modular version 4 DIN (Logik Y4)



## DAILY / WEEKLY / MONTHLY / ANNUAL TIME SWITCHES

- Power supply: 230 V 50/60 Hz - Y4 (230 + 24)
- 1 - 2 - 4 channel versions (1, 2 or 4 change-over contacts)
- 25 program settings ON, OFF and PULSE for Y version
- 50 program settings ON, OFF and PULSE for Y2 version
- 100 program settings ON, OFF and PULSE for Y4 version
- PULSE program (1 to 59 seconds)
- HOLIDAY program
- RANDOM program
- Summertime automatic update
- Relay manual forcing
- Charge reserve: 5 years (non-chargeable lithium battery)
- Relay switching only when powered

### Programming

- daily: every day at the same time
- weekly: every week on the same days
- monthly: all the months of the same day of the month
- annual: every year on the same month and same day at a preset date during the year

| Code     | Model    | Description   |
|----------|----------|---|
| VP870000 | Logik Y  | Daily/weekly/monthly/annual time switch 1 monostable relay  |
| VP873400 | Logik Y2 | Daily/weekly/monthly/annual time switch 2 monostable relays |
| VP869200 | Logik Y4 | Daily/weekly/monthly/annual time switch 4 monostable relays |

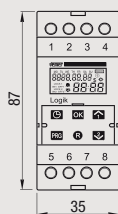
## REFERENCE STANDARDS

Compliance with Community Directives:73/23/CEE mod. from 93/68/CEE (Low Voltage) 89/336/CEE mod. from 92/31/CEE and 93/68/CEE (E.M.C.) is declared with reference to the following standards: • Safety: EN 60730-2-7 • E.M. Compatibility: EN 55014-2 / EN 55014-1

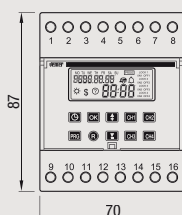
## DIMENSIONS (mm)

### Front view

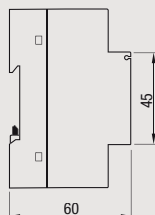
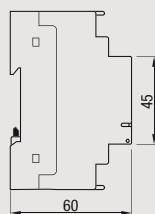
Logik Y  
Logik Y2



Logik Y4



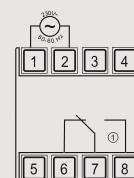
### Side view



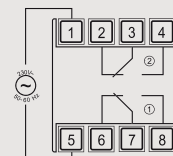
## CONNECTION DIAGRAM

### Diagram

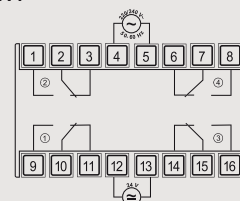
Logik Y



Logik Y2



Logik Y4



## TIME MANAGEMENT

## TECHNICAL INFORMATION

### GENERAL CHARACTERISTICS

|   |      | Logik Y                           | Logik Y2                           | Logik Y4                           |
|---|------|-----------------------------------|------------------------------------|------------------------------------|
| Power supply                            | V AC | 230 (-15% ÷ +10%)                 | 230 (-15% ÷ +10%)                  | 24/230 (-15% ÷ +10%)               |
|   | V DC | -                                 | -                                  | 24 (-15% ÷ +10%)                   |
| Frequency                               | Hz   | 50 / 60                           | 50 / 60                            | 50 / 60                            |
| Power consumption                       | VA   | 8                                 | 8                                  | 22                                 |
|   | W    | 2                                 | 2                                  | 3                                  |
| Relay output                            |      | 1 relay in monostable change-over | 2 relays in monostable change-over | 4 relays in monostable change-over |
| Relay capacity (250 V AC)               | A    | 16 (10)                           | 16 (10)                            | 16 (10)                            |
|   | W    | 600 (240 V per channel)           | 600 (240 V per channel)            | 600 (240 V per channel)            |
|   | W    | 1500 (240 V per channel)          | 1500 (240 V per channel)           | 1500 (240 V per channel)           |
|   | W    | 1500 (240 V per channel)          | 1500 (240 V per channel)           | 1500 (240 V per channel)           |
| Charge reserve                          |      | 5 years (n.r. lithium battery)    | 5 years (n.r. lithium battery)     | 5 years (n.r. lithium battery)     |
| Number of program settings ON+OFF+PULSE |      | 25                                | 50                                 | 100                                |
| Programming resolution                  |      | 1 min.                            | 1 min.                             | 1 min.                             |
| Pulse time                              |      | 1 ÷ 59 s                          | 1 ÷ 59 s                           | 1 ÷ 59 s                           |
| Operating temperature                   | °C   | 0 ÷ +50                           | 0 ÷ +50                            | 0 ÷ +50                            |
| Storage temperature                     | °C   | -10 ÷ +70                         | -10 ÷ +70                          | -10 ÷ +70                          |
| Degree of protection                    | IP   | 41 (instrument usable front)      | 41 (instrument usable front)       | 41 (instrument usable front)       |
|   |      | 20 (connection terminals)         | 20 (connection terminals)          | 20 (connection terminals)          |