

Operating instructions

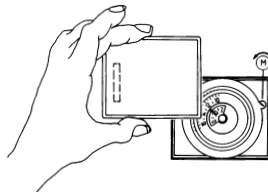
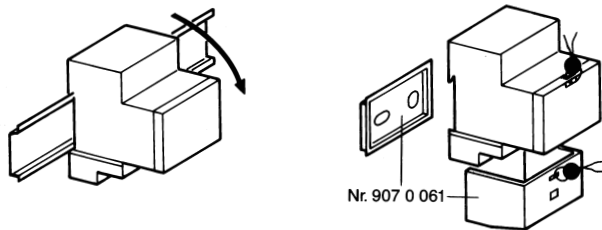
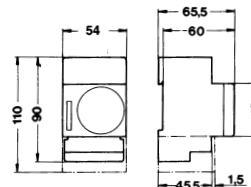
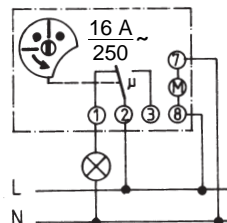
**SYN 161 h**  
**SUL 181 h**



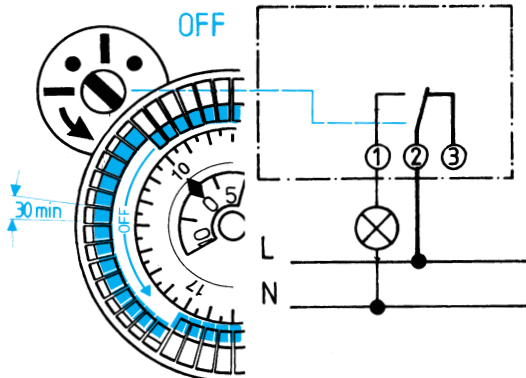
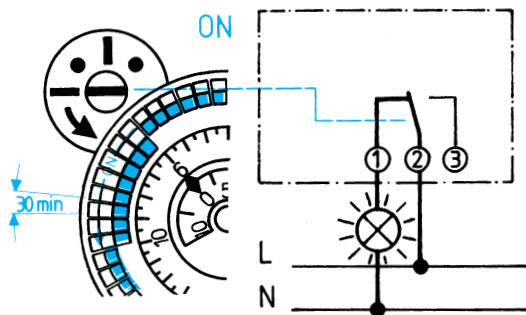
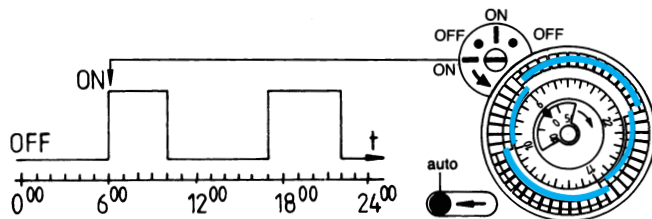
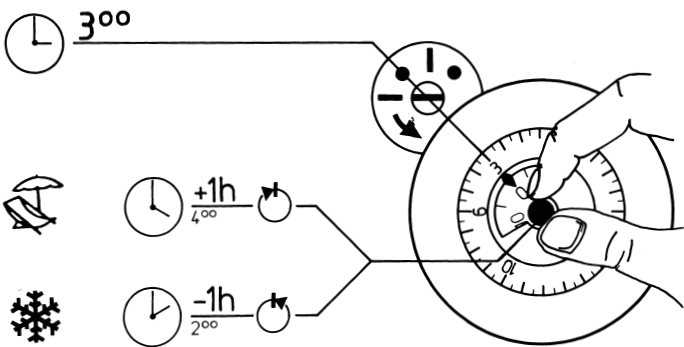
**Ⓜ MOUNTING INSTRUCTIONS**

**Safety information:** Electrical devices should only be connected and mounted by an electrical specialist. Manipulations and modifications on the switch will result in loss of warranty. The national specifications and applicable safety regulations must be observed.

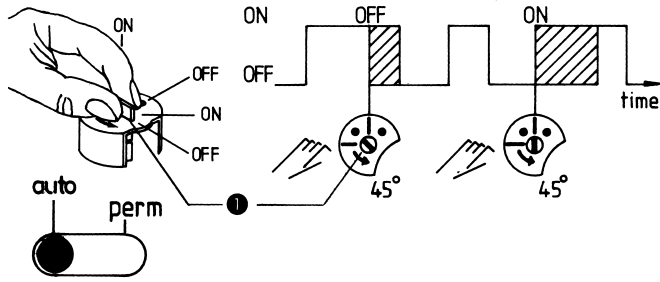
Synchron  
230 V / 50 Hz  
Quartz \* R = 3d (72h) LiMh  
230 V / 45 – 60 Hz



\*The quartz movement starts automatically after a few minutes by an applied voltage. The full power reserve is built up after about 3 days.



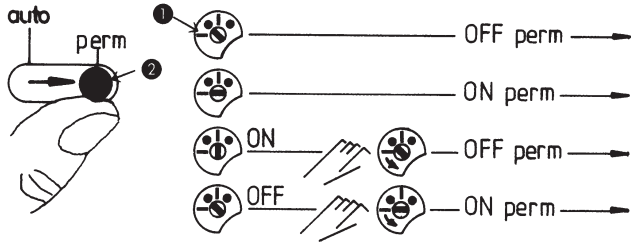
**manual**



**Manual Control ON/OFF (Override Control)**

Turn the control axis ❶ in direction of arrow by one notch; ON = or OFF = . The manual control is automatically annulled by the following counteracting command of the automatic program sequence.

**permanent ON / OFF**



**Permanent Control ON/OFF**

Set the hand lever ❷ to »perm« = permanent control; turning the control axis ❶ in direction of arrow, the required permanent control ON or OFF can now be adjusted. Turning the hand lever to »Auto« = Automatic Control, the permanent control is terminated. The actual switch position is maintained until the next counteracting command of the automatic program sequence is triggered. An immediate correction can be carried out by means of the manual control (override control).

**EMV / CEM / EMC / ETY**

**GB** The time switches are in accordance with the European directives 73/23/EEC. (Low-Voltage Directive) and 89/336/EEC (EMC-Directive). If the time switches are used together with other devices in an installation, take care that the complete installation does not cause a radio interference.

**Service**

**D** Theben AG  
Postfach 56, D-72394 Haigerloch  
Telefon (0 74 74) 692-0, Telefax: (0 74 74) 692 150  
Kundendienst  
Telefon (0 74 74) 692-177, Telefax (0 74 74) 692-207 www.theben.de

**GB** TIMEGUARD LTD,  
Victory Park, 400 Edgware Road  
London NW2 6ND  
Tel. 0181/4508944;  
Fax: 0181/4525143

**AUS** PETER WARBURTON PTY. LIMITED,  
64 Britannia Road, Castle Hill  
NSW 2154, Australia,  
Tel.: (02) 9899 2908,  
Fax: (02) 9899 4486

**ENGLISH**