

# CONTROL EQUIPMENT

## ELECTROMECHANICAL TIME SWITCHES FOR DIN RAIL MOUNTING



**110 0170**  
**Daily time switch with tappets and without charge reserve - 1 DIN**  
 1 potential-free changeover contact ON / OFF minimum 15'

**110 0171**  
**Daily time switch with tappets and charge reserve - 1 DIN**  
 1 potential-free NO contact ON / OFF minimum 15'

**110 0021**  
**Daily time switch with tappets without charge reserve - 2 DIN**  
 1 potential-free changeover contact ON / OFF minimum 30'

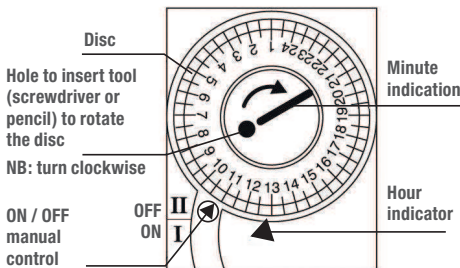
**110 0022**  
**Daily time switch with tappets and charge reserve - 2 DIN**  
 1 potential-free changeover contact ON / OFF minimum 30'

**110 0024**  
**Weekly time switch with tappets and charge reserve - 2 DIN**  
 1 potential-free changeover contact ON / OFF minimum 210' (approx 3,5 h)

**110 0136**  
**Weekly and daily time switch with charge reserve - 4 DIN**  
 2 potential-free changeover contacts ON / OFF daily minimum 30', weekly minimum 210' (approx 3,5 h)

### DISPLAY AND KEYS FUNCTION

Possibility to set hours and minutes



### TECHNICAL SPECIFICATIONS

<b>Power supply voltage</b>	230V a.c. 50 - 60Hz
<b>Contact rated data</b>	16 (2) A / 250V a.c.
<b>Max program number (ON-OFF)</b>	48 - 96 (art. 0170 / 0171)
<b>ON - OFF minimum connection time</b>	30 minutes (daily) 15' (item 0170 - 0171) approx. 3.5 hours (weekly)
<b>Displays</b>	mechanical tappets ring
<b>Max commutable power</b>	3500 VA (for individual contact)
<b>Max cross-section of wires to terminals</b>	2.5 mm <sup>2</sup>
<b>Protection degree (IP)</b>	IP 20 - IP 30 (with terminal covers) IP 40 (on rear of switchboard)
<b>Type of output</b>	terminals with captive screw
<b>Insulation class</b>	II
<b>Charge reserve</b>	approx 150 h max (max 100 h mod. 0171)
<b>Type of reserve</b>	NiCd rechargeable battery
<b>Time tolerance</b>	+ - 1 sec/day
<b>Operating temperature limits</b>	-10°C / +50°C
<b>Storing temperature</b>	-10°C / +50°C
<b>Type of installation</b>	DIN rail / wall-mounted / on rear of switchboard
<b>Housing</b>	thermoplastic - grey RAL 7035
<b>Type of use</b>	civil / tertiary / industrial
<b>Controls</b>	mechanical tappets ring selector switch: fixed ON / timer position
<b>Clock setting accuracy</b>	mechanical with reference index
<b>Programming</b>	mechanical key ring
<b>Dimensions (L x W x H) mm</b>	1DIN 17.5 x 60 x 128 - 2DIN 35 x 60 x 116 4DIN 70 x 60 x 116

**NOTE: 2 and 4 DIN items can be installed on the rear of the switchboard by means of optional accessories (KTMP2 or KTMP4).**