
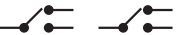
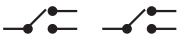
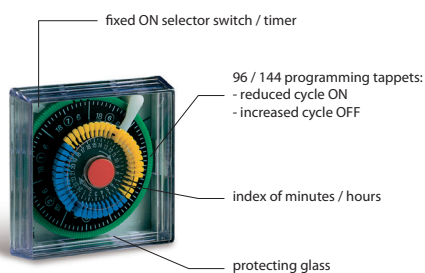


Electromechanical time switches with tappets




CODE	DESCRIPTION	PACKAGE
<b>11O 0012</b>	<b>Daily electromechanical time switch 1 circuit</b> <i>1 potential-free changeover contact</i>  ON / OFF minimum 15'	<b>10</b>
<b>11O 0014</b>	<b>Daily electromechanical time switch with 2 circuits</b> <i>2 potential-free changeover contacts</i>  ON / OFF minimum 15' : 1 <sup>st</sup> circuit 30' : 2 <sup>nd</sup> circuit	<b>10</b>
<b>11O 0015</b>	<b>Weekly electromechanical time switch with 2 circuits</b> <i>2 potential-free changeover contacts</i>  ON / OFF minimum 30' : daily circuit 60' : weekly circuit	<b>10</b>

### DISPLAY LEGEND AND KEY FUNCTIONS



Note: Items 0012 - 0014 - 0015 can be installed on the rear of the switchboard with optional accessory SG001

### TECHNICAL SPECIFICATIONS

Power supply voltage	230V c.a. 50 - 60Hz
Contact rated data	16(4) A / 250V c.a.
Max program number (ON-OFF)	96 (0012) / 144 (0014 - 0015)
ON - OFF minimum connection time	15 / 30 minutes (daily) 60 minutes (weekly)
Displays	mechanical tappets ring
Max. commutable power	3500 VA (for individual contact)
Max cross-section of wires to terminals	2.5 mm <sup>2</sup>
Protection degree (IP)	IP 30
Type of output	terminals with captive screw
Insulation class	II 
Charge reserve	approx 150 hours max
Type of reserve	NiCd rechargeable battery
Time tolerance	+ - 1 sec/day
Operating temperature limits	-10°C +50°C
Storing temperature	-10°C +50°C
Type of installation	wall-mounted / on the back of the switchboard
Case	thermoplastic - grey RAL 7035
Type of use	civil / tertiary / industrial
Controls	mechanical tappets selector switch: fixed ON / timer position
Clock setting accuracy	mechanical with reference index
Programming	mechanical tappets (locks 15' / 60')
Dimensions (LxVxH)	72 x 67.5 x 101











0171



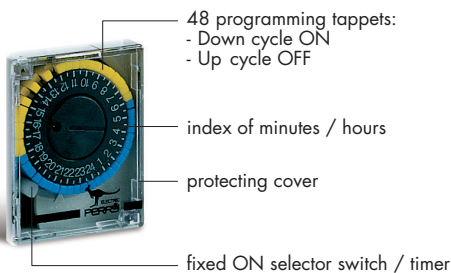
0021 - 0022 - 0024




0135 - 0136

CODE	DESCRIPTION	PACKAGE
11O 0171	<b>Daily time switch with tappets and charge reserve - 1 DIN</b> <i>1 potential-free NO contact</i>  ON / OFF minimum 15'	10
11O 0021	<b>Daily time switch with tappets without charge reserve - 2 DIN</b> <i>1 potential-free changeover contact</i>  ON / OFF minimum 30'	10
11O 0022	<b>Daily time switch with tappets and charge reserve - 2 DIN</b> <i>1 potential-free changeover contact</i>  ON / OFF minimum 30'	30
11O 0024	<b>Weekly time switch with tappets and charge reserve - 2 DIN</b> <i>1 potential-free changeover contact</i>  ON / OFF minimum 210' (approx. 3.5 hours)	10
11O 0135	<b>Daily time switch, two circuits with charge reserve - 4 DIN</b> <i>2 potential-free changeover contacts</i>   ON / OFF daily minimum 30' minimum weekly 30'	10
11O 0136	<b>Weekly and daily time switch with charge reserve - 4 DIN</b> <i>2 potential-free changeover contacts</i>   ON / OFF daily minimum 30' minimum weekly 210' (approx. 3.5 hours)	10

### DISPLAY LEGEND AND KEY FUNCTIONS



### TECHNICAL SPECIFICATIONS

Power supply voltage	230V c.a. 50 - 60Hz
Contact rated data	16(2) A / 250V c.a.
Max program number (ON-OFF)	48
ON - OFF minimum connection time	30 minutes (daily) 15' (item 0171) approx. 3.5 hours (weekly)
Displays	mechanical tappets ring
Max commutable power	3500 VA (for individual contact)
Max cross-section of wires to terminals	2.5 mm <sup>2</sup>
Protection degree (IP)	IP 20 IP 30 (with cover) IP 40 (on the rear of the switchboard)
Type of output	terminals with captive screw
Insulation class	II 
Charge reserve	approx 150 hours max (max 100 hours mod. 0171)
Type of reserve	NiCd rechargeable battery
Time tolerance	+ - 1 sec/day
Operating temperature limits	-10°C +50°C
Storing temperature	-10°C +50°C
Type of installation	DIN guide / wall-mounted / on the rear of the switchboard
Case	thermoplastic - grey RAL 7035
Type of use	civil / tertiary / industrial
Controls	mechanical tappets ring selector switch: fixed ON / timer position
Clock setting accuracy	mechanical with reference index
Programming	mechanical key ring (blocks 30' / 210')
Dimensions (AxPxH)	1DIN 17.5 x 60 x 128
Dimensions (AxPxH)	2DIN 35 x 60 x 116
Dimensions (AxPxH)	4DIN 70 x 60 x 116

Note: All items can be installed on the rear of the switchboard by means of optional accessories (KTMP2 or KTMP4)



# CONTROL EQUIPMENT

## PLUG/SOCKET TIME SWITCHES - ACCESSORIES



CODE	DESCRIPTION	PACKAGE
<b>11O 0055</b>	<b>Daily time switch, plug/socket Shuko 16 A</b>	<b>10</b>
	Power supply 230V a.c. 50/60Hz Contacts 16 A Maximum commutable power 3500VA	Minimum intervention interval 15 min ON /TIMER control
<b>11O 0056</b>	<b>Weekly time switch, plug/socket Shuko 16 A</b>	<b>10</b>
	Power supply 230V a.c. 50/60Hz Contacts 16 A Maximum commutable power 3500VA	Minimum intervention interval 120 min ON /TIMER control

### ACCESSORIES

<b>1PA SG001</b>	<b>Plastic profile for installing 72x72 time switches on the rear of the switchboard</b>	<b>10</b>
<b>1PA KTMP2</b>	<b>Kit for installation of 2 DIN modules on the rear of the switchboard</b>	<b>10</b>
	Kit including: 2 hooks + finishing front for installing 2 DIN modules on the rear of the switchboard	
<b>1PA KTMP4</b>	<b>Kit for installation of 4 DIN modules on the rear of the switchboard</b>	<b>10</b>
	Kit including: 2 hooks + finishing front for installing 4 DIN modules on the rear of the switchboard	