



programmable time switches with digital display



037 05



047 61



047 70



047 64



Dimensions (p. 183)

For switching an electric circuit (lighting, heating) ON or OFF at selected times during a pre-programmed time period
Temporary (automatic return) or permanent (forced switching ON or OFF) override on output

Pack	Cat.Nos	Standard - daily or weekly programme with 6 years clock working reserve	Pack	Cat.Nos	Multiple functions annual program
1	037 05	<p>Compatible with alternative renewable energy systems such as photovoltaic panels Automatic summer/winter changeover Clock precision: ± 1 sec per day Minimum programme setting: 1 min 28 programmes</p> <p>Power supply 120/230 V~ - 50/60 Hz 1 output 16 A - 250 V~ $\mu \cos \phi = 1$ per 1 inverter contact Low consumption: 0.1 W</p>	1	047 70	<p>Annual program Power supply 120/230 V~ - 50/60 Hz 4 outputs High precision clock: ± 0.2 sec per day For programming periods throughout the year 84 programmes per channel possible: - 28 weekly / astronomical programmes - 28 yearly programmes - 28 exceptional programmes Manual override (switch on and off) for every channel on the front of the switch Programmed directly on keypad, or using programme transfer key Cat.No 047 81</p> <p>Programming transfer key Can be used to store program settings made: - Directly on Cat.No 047 70 (loading on device) - with the programming software installed on a PC running Windows (loading on data loader)</p> <p>Battery Working reserve 5 years for Cat.No 047 70</p>
1	047 61 ⁽¹⁾	<p>Programme settings: on - daily or weekly basis 6 languages (GB, F, E, I, D, NL) A programme consists of a on and off time and their assignment to certain days Option to suspend the programme for a specific period to set-up with start and date Minimum programme setting: 1 min High precision clock: ± 0.2 sec per day Particularly suited to irregular cycles: - security installations (access point, alarms, etc.), - industrial installations (pump stations, etc.) Programmed directly on keypad, or using program transfer key Cat.No 047 72 Additional functions including impulse, random (irregular cycles), hour counters</p> <p>Power supply 230 V~ - 50/60 Hz 1 output 16 A - 250 V~ 56 programmes $\mu \cos \phi = 1$ per 1 inverter contact 84 impulses max.</p>	1	047 81	
1	047 71	<p>2 outputs 16 A - 250 V~ 2 x 28 programmes $\mu \cos \phi = 1$ per 2 inverter contacts</p> <p>Power supply 120 V~ - 50/60 Hz</p>	1	047 82	
1	6047 60 ⁽¹⁾	<p>1 output 16 A - 250 V~ 56 programmes $\mu \cos \phi = 1$ per 1 inverter contact 84 impulses max.</p> <p>Power supply 24 V~ - 50/60 Hz</p>	1	047 73	<p>Programming software Can be used to create, save and transfer program settings for multifunction and multi-program time switches, Cat.Nos 047 61/63/64/67/70/71 Data is transferred to the program transfer key Cat.No 047 72, using the data loader connected to the USB port of the PC Kit comprising software on CD-ROM, data loader and transfer key Windows Vista compatible</p>
1	047 63 ⁽¹⁾	<p>1 output 16 A - 24 V~ 56 programmes $\mu \cos \phi = 1$ per 1 inverter contact 84 impulses max.</p>	1	047 64	<p>For outdoor illuminations Astronomical For autonomous control of outdoor illuminations Automatic programming: simply initialise the products for the location with no need to install a photoelectric cell Programmed directly on keypad, or using programme transfer key Cat.No 047 72 High precision clock: ± 0.2 sec per day</p> <p>Power supply 230 V~ - 50/60 Hz</p>
1	047 72	<p>Programming transfer key Can be used to store programme settings made: - Directly on a multifunction and multi-programme time switch Cat. No. 047 61/71/63 (loading on device) - with the programming software installed on a PC running Windows (loading on data loader)</p>	1	047 67	<p>1 output 16 A - 250 V~ 28 programmes</p> <p>2 outputs 16 A - 250 V~ 2 x 14 programmes</p>

(1) Adjustable impulse duration from 1 sec to 59 min

Red catalogue numbers : New products



These products are part of protection and distribution systems > See p. 142-143