



Digital time switches

Applications



Going from the pre-programmed switching of lighting (car park, advertising signs, public roads, etc.) over pre-programmed switching of heating equipment (home and work environment, water heating, etc.) to the pre-programmed switching of motors for pumps and fans and even to random presence simulation.

Function

Pre-programmed switching of all kinds of electrical devices.

Features

Very easy programming, with quasi unlimited possibilities compared to the analogue time switches. Devices with daily/weekly event programming possibilities are available in 1 channel execution. All devices have a shortest switching time of one minute and are all internally quartz-synchronized. On the devices, the summer/winter time change is fully automatic. Devices with free weekday block-programming, holiday function are available. Manual ON or OFF override is possible at all times and all devices are sealable.

Standards

BS EN-60730-1, BS EN-60730-2-7, VDE 0633

Performance

Contacts		GD - 7-70/1
Contact		Voltage-free changeover
Rated switching capacity		
- Resistive load		16A/250V
- Inductive load (cos φ = 0.6)		10A/250V
- Incandescent lamps		2600W
Fluorescent uncorrected / serial corrected		1000VA
- Halogen lamp load		2600W
- Compact fluorescent lamp		22 x 7W, 18 x 11W, 16 x 15W, 16 x 20W, 14 x 23W
- Energy saving lamps		37 x 7W, 30 x 11W, 26 x 15W, 26 x 20W, 11 x 23W
Minimum switching load		3000mW
DC switching capacity		800mA / 300mA / 150mA
Shortest switching time		1min.
Screws		Pozidriv 1
Terminal capacity		1 x 4mm ²
Clockwork		
Operating voltage		110V-230VAC
Own consumption at 230V		1VA
Running reserve (at 20° C)		3 years at 20°C
Battery type		CR2032
Operating temperature range		-25°C to +55°C
Accuracy		±0.5s./day at 20°C
Sealable and unloosable cover		yes

Digital time switches



Day/Week programmable

Program	No. of channels	Switching capacity	Operating voltage	Running reserve	Shortest switching time	No. of prog. steps	No. of mod.	Cat. No.	Ref. No.	Pack.
7x24h	1CO	16A/250V	110...230V	3 years	1min.	70	2	GD-7-70/1 AEG	666350	1
<ul style="list-style-type: none"> • Display lighting • PIN-code • Hour counter with service function • 12/24h time setting • Weekly and holiday program (ON/OFF) • Free weekdays block formation • Summer/winter time changeover: auto/free selectable/OFF • Manual switch: auto/override/fix ON-OFF • Non-volatile memory (EEPROM) • Easy battery replacement (from top side) 										

Dimensional drawings

