

Available in a wide variety of models to suit a multitude of environmental and weather conditions.



AUTOMATIC TIME SWITCH

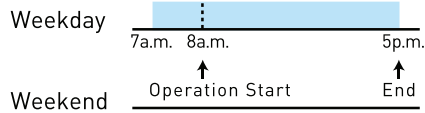
A full range of products, from economical types to outdoor weatherproof types with power failure back-up. Find out which use of our products can suit your needs best.

Activation of Plant Facility

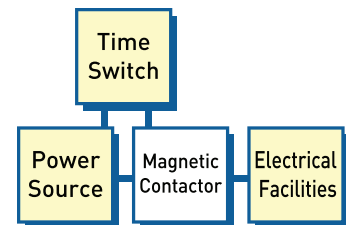


Panasonic Time Switch can be used to effectively activate machinery before operation running.

Application Example



System Layout



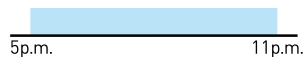
Outdoor Lighting



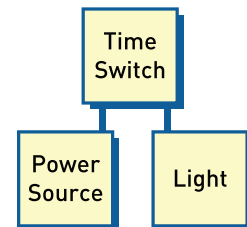
Your outdoor lighting system can be easily set from sunset to sunrise with the help of our advanced product line-up. Highly efficient when multiple outdoor lights need to be switched on simultaneously.

Application Example

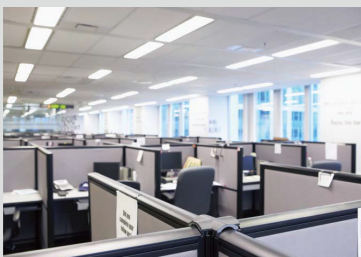
Ex.) Street lights are set off to be On from 5 p.m. to 11 p.m.



System Layout



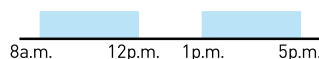
Office Lighting



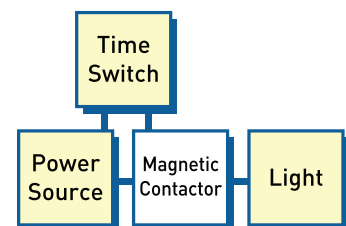
Allowing smoother control of the entire buildings lighting system based on office hours.

Application Example

Ex.) According to the office hours, the lights are turned On and Off.



System Layout



Sign Lighting



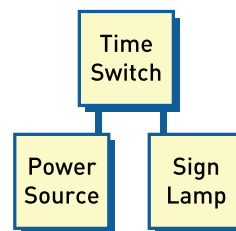
You can Efficiently control the advertising signs On / Off with the use of Panasonic Time Switch's latest technology.

Application Example

Ex.) Lighting is on at 5p.m. and off at 5a.m.



System Layout



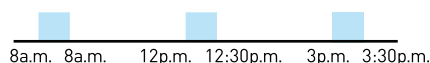
Pool Pump (Water Purificator)



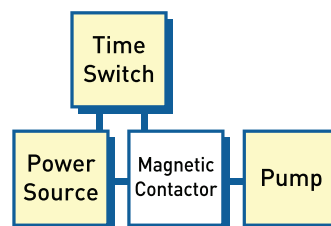
Panasonic highly advanced devices can control water purification systems for residential as well as public water infrastructure.

Application Example

Ex.) Purification process done three times a day.



System Layout



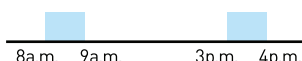
Feeders



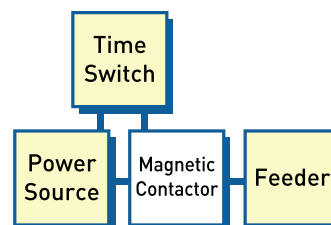
Time Switch automatically schedules food and water supply at the designated time.

Application Example

Ex.) Feeding process done twice a day.



System Layout

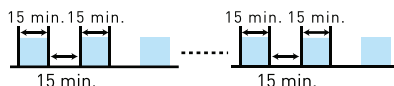


Oxygen Supply

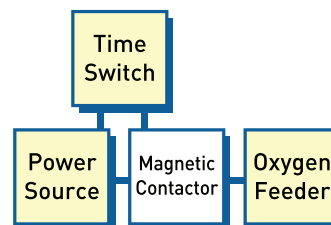


Panasonic Time Switch's advanced technology can also be used for oxygen supply devices. Especially inside fish farms, where regular interval set ups are highly required.

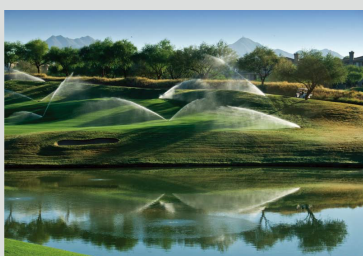
Application Example



System Layout



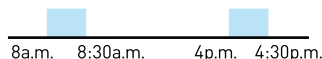
Sprinklers



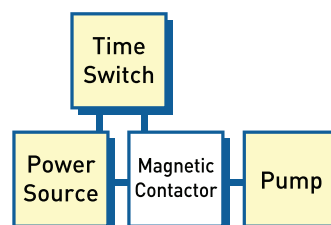
Panasonic latest product line-up provides efficient support for water supply systems such as crops and land maintenance.

Application Example

Ex.) Water supply done twice a day.



System Layout



Switch Board / Control Panel

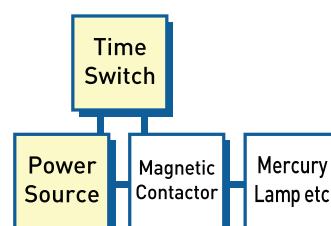


Panasonic Time Switch can be also used inside control panels as load controller.
*DIN72 module and DIN rail mounting models.

Application Example

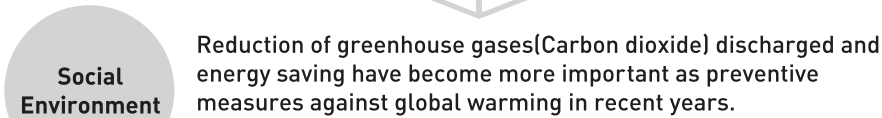
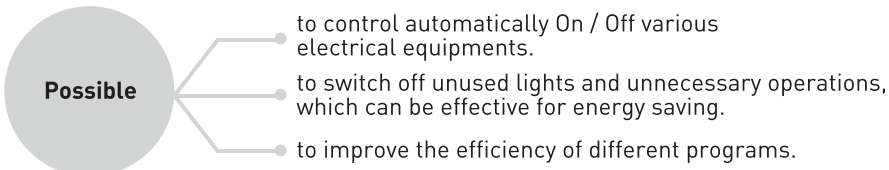
Various time set up possible based on requirements.

System Layout



AUTOMATIC TIME SWITCH

Use and Advantages of Panasonic Time Switch



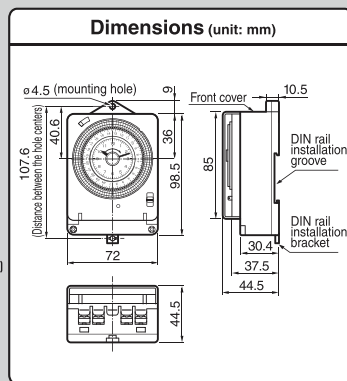
- Setting a numerical target for the reduction of greenhouse gases.
- Crude oil price rising.
- Usage and development of alternative energies such as oil energy.

TB39K Series



Features

- 24hour program
- Surface and DIN rail mount
- 500 hours reserve battery (TB38K,39K)
*Battery exchange from the front side.
- 96 operations per day
- Minimum setting interval is 15 minutes
- Easy to read and set, clock display.

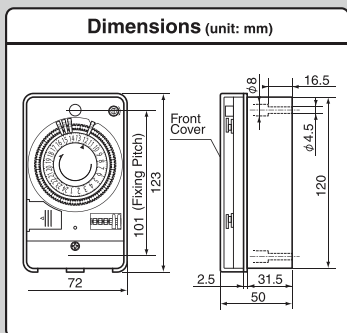


Applicable Installation		Indoor Use		
Type		Daily		
Series		TB36K series	TB38K series	TB39K series
Item No.		TB36809KE5 (220-240V AC 50Hz) TB36809KE6 (220-240V AC 60Hz)	TB38809KE7 (220-240V AC 50-60Hz)	TB39809KE7 (220-240V AC 50-60Hz)
Drive Method		Quartz Motor		
Power Failure Backup Time		500 hours		
Time Precision		±15 sec/month(at 25°C)		
Circuit Configuration		Same as AC frequency		
Switch Construction		Same circuit Single pole, single through (1a Contact)	Separate circuit Single pole, double through (1c Contact)	Same circuit Single pole, single through (1a Contact)
Load Capacity	Resistive Load	250V AC 20A		
	Incandescent Lamp Load	250V AC 10A		
	Inductive Load(cos φ ≥ 0.7)	250V AC 12A		
	Motor Load(cos φ ≥ 0.7)	220V AC 1500W		
Minimum Setting Interval		15 minutes		
No. of On/Off Operation		96 operations		

TB11K Series



- 24hour program
- On/Off operations are set with separated pins
- With a manual On/Off switch
- 300 hours reserve battery(TB11K)
*Battery exchange from the front side.



Applicable Installation		Indoor Use	
Type		Daily	
Series		TB11K series	
Item No.		TB118KE7 (220-240V AC 50-60Hz)	
Drive Method		Quartz Motor	
Power Failure Backup Time		300 hours	
Time Precision		±15 sec/month(at 25°C)	
Circuit Configuration		Same circuit	
Switch Construction		Single pole, single through (1a Contact)	
Load Capacity	Resistive Load	250V AC 15A	
	Incandescent Lamp Load	250V AC 15A	
	Inductive Load(cos φ ≥ 0.7)	250V AC 12A	
	Motor Load(cos φ ≥ 0.7)	220V AC 1500W	
Minimum Setting Interval		30 minutes	
No. of On/Off Operation		Standard 6 operations (Max 48 operations)	