

## Westire Set 45-18

Solar & Normal Time clock

The perfect time clock solution for the control of all types of outdoor lighting & normal indoor time clock for heating & ventilation control



**A solar and normal time clock**

**10 year battery back-up**

**Automatic time correction**

### Features & Benefits

- 7-Day programmability incorporating Dusk & Dawn **astronomical tracking** set points with traditional time-based events
- Channel 1 has solar based and 8 time-based switch points
- Channel 2 has 12 time-based switch points
- Automatic time and **leap year** adjustment
- Local and remote load switch override feature
- Up to **10-year** battery backup
- Universal power supply 85 To 265 VAC 50/60 Hz
- Outputs are protected by **320 Joule MOV**
- Relay Assisted Triac (**RAT**) switch - reliable switching of reactive loads
- Capable of switching reactive loads up to **10 A** on each channel
- Mountable on a 35mm symmetric **DIN rail** for ease of Installation
- Latitude and longitude of location can be programmed by user
- **Security code** program protection and tamper proof cover
- Illuminated keypad and backlit LCD display
- Volt free contact (SET 45-18-R2 VFC) type available



General		Environmental	
Dimensions	90mm H x 70mm W x 73mm D (4 modules wide as per DIN 43880)	Operating Temperature	-10° C to +45° -14° F to +113° F
Mounting	Symmetric 35mm DIN rail	Enclosure Protection	IP20 , Flame Retardant Plastic with transparent keypad cover
Electrical		Certification	
Mains Voltage	85V to 265V AC - 50/60 Hz	EMC	Meets the essential requirements of Directive 2004/108/EC for Electromagnetic Compatibility
Outputs	2 channels - Relay Assisted Triac (RAT) 10 amp rated supply connected	LVD	Meets the requirements of the Low Voltage Directive 2006/95/ EC
Battery Backup	10 years @ 20° C internal lithium battery	Product Type	Electronic I.Y.T., Software Class A. Not suitable for controlling loads where secure disconnection during conditions of mains abnormality is essential to safety
Manual Override	Manual override button (MAN key). Momentary dry contact terminals (normally open)		
Time Accuracy	+/- 1 second per day @ 20° C		

Configurations			
SET 45-18-R2	Solar / Normal Time clock 2 x 10 Amp RAT switched supply tied outputs 85V - 256V AC - 50/60 Hz. Powered	SET 45-18-R2-VFC	Solar / Normal Time clock 2 x 10 Amp supply independent outputs 85V - 256V AC - 50/60 Hz. Powered

