

EBR-DIN-TSCH | RAPID TSCH Time Event Scheduler

The RAPID TSCH Time Event Scheduler unit provides time events to the configured zones of lighting within the RAPID lighting control system.

These events can be simple ON/OFF, scene call or circadian control events based on calendar date and time or astronomical sunset/sunrise offsets.

Outputs and Addressability

The TSCH unit has 4 output channels each configurable to various event actions based on the time and the calendar date that is addressable to any group configured. These group can be made of any combination of lights and can be changed within the software without any wiring or physical connection changes.

Each unit sends event commands to all the lighting control modules within its own area controller network. It can also send global commands to other area controller networks.

Connectivity

Powered from DC 12V using the EBR-DIN-PSU or similar, its commands are sent out via the field bus to the lighting control modules.

An area controller is not necessarily needed for its operation but when it is, the Time Event Scheduler is normally expected to be installed together with one within the same DIN rail enclosure.

Real-time Astronomical Clock

Built into the unit is an astronomical clock with battery back up to keep the clock running during temporary power outages.

Programming

An Infra-red programming port is included for the assignment of its device and channel IDs.

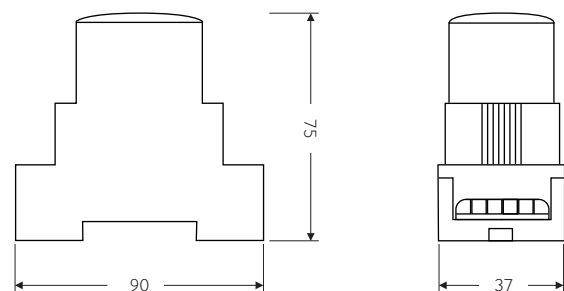
Programming of the time clock and time events are performed via the end user EBR-CFE Front End software or the commissioning software tool.




Key Product Features:

- Real-time astronomical calendar clock
- Calendar date and time settings
- Sunrise and sunset offset settings
- ON/OFF, preset level, scene or circadian event
- 4 time channels of control
- 16 events per channel
- 5 year warranty
- Manufactured in the UK


Dimensions (mm)



Technical Data

Part Code	EBR-DIN-TSCH
Weight	0.1kg
Supply voltage DC	12v
Terminal capacity	1.5mm ²
Working temperature range	-10 to 35°C
Humidity	5 to 95% non-condensing
Material (casing)	Flame retardant PC
Compliance	 EMC-2014/30/EU

Accessories and Associated Products

Part Number	Description
 UNLCDHS	Professional, programming/ commissioning LCD handset
 EBR-CFE	RAPID Front End User Software



+44 (0)333 900 0671
 info@cpelectronics.co.uk
 www.cpelectronics.co.uk

