

Suntracker DIN 71101 One Module, Single Channel, Solar Time Switch



Benefits

A 7 day, single channel, solar din rail timer. Specifically designed for lighting applications, particularly street lighting, due to its part-night switching capability and its single module width. The 71101 can be extremely quick and easy to program thanks to its removable fascia and the ability to program via your computer using Sangamo's optional Easy Vue software.

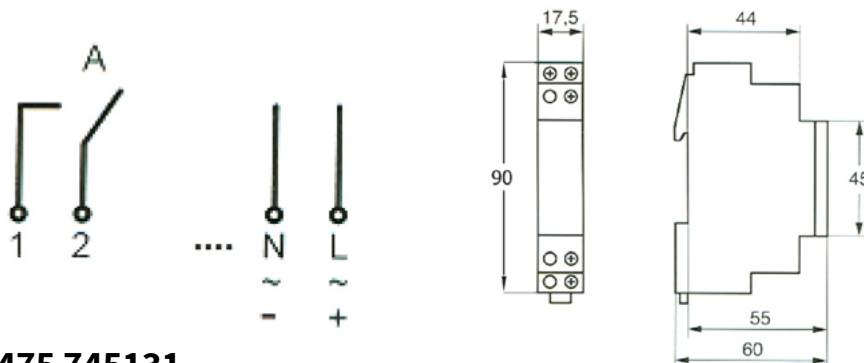
Features

- Pre-programmed real time and date
- Quick and easily programmable time switch
- Removable programmable module
- Can be programmed with supply disconnected
- Specially adapted for lamp loads
- 1 Channel
- Daily and weekly program
- 60 memory location with or w/o Astro function for each memory location
- Minimum interval 1 min
- Switching capacity 16A
- Permanently ON or OFF feature
- Temporary/permanent override manual switch
- Automatic sorting of switching times on readout
- Unrestricted block programming of days and switching functions
- Fully automatic summer/winter time changeover
- Astro ON and OFF times are corrected daily with actual times of sunset and sunrise
- Offset function = for each Astro switching time an offset to the Astro time can be programmed that applies throughout the year.
- Elapsed time and pulse counter
- Security by pin code

Technical Data

Supply voltage	230 V, 50-60 Hz
Power consumption	approx. 1.5 VA
Channel (potential-free)	Normally open (contact gap <3mm)
Contact material	AgSnO ₂ + W pre-make contact
Switching capacity	16A / 250 V ~ at cos = 1
Filament Lamp	2,000 W
Halogen Lamp	2,000 W
Fluorescent Lamp uncompensated	1,000 VA
Fluorescent Lamp series compensated	1,000 VA
Fluorescent Lamp parallel compensated	550 VA
Fluorescent Lamp double switch	1,000 VA
Mercury Discharge Lamp uncompensated	4 x 125 W, 2 x 250 W, 1 X 400 W, 1 x 700 W
Mercury Discharge Lamp parallel compensated	6 x 50 W (7 F), 4 x 125 W (10 F), 2 x 250 W (18 F) 1 x 400 W (25 F), 1 x 700W (40 F)
Sodium Discharge Lamp uncompensated	2 x 250 W, 1 x 400 W
Sodium Discharge Lamp parallel compensated	2 x 150 W (20 F), 1 x 250 W (32 F), 1 x 400 W (45 F)
Compact Fluorescent Lamp convent. lamp ballast	1,000 VA
Compact Fluorescent Lamp electron. lamp ballast	4 x electronic lamp ballast, power independent
LED 230 V AC	400 W
LV Halogen or LED with electronic ballast	400 W
LV Halogen or LED with electromechanical ballast	800W
Switching functions	Astro ON/OFF, Night ON/OFF, Extra ON/OFF
Memory Locations	60
Minimum interval	1 min
Time base	Quartz crystal
Power back-up (at 20oC)	approx. 6 years
Program security	unlimited (E2-PROM)
Quartz cryst. accuracy (at 20oC)	</= +/- 1.0 sec/day
Display	LCD
Permitted ambient temperature	-10o+50oC
Enclosure	self-extinguishing thermoplastic
Dimensions	45 x 17.5 x 58 mm
Type of protection	IP20 to DIN EN 60529
Class of protection	II when installed according to regulations

Electrical Connections



Contact Us: 01475 745131

CUSTOMER CARE POLICY

As part of Sangamo's continuous improvement program, the Company operates a Customer Care Policy. This means that we welcome your comments and complaints, as it can only help us to improve our services to you, our customer.

SANGAMO

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