



For scheduled switching of electrical circuits with programmable time offsets.



- Networked product
- Four independant control channels
- Ambient light level sensor for lighting circuit over-ride
- Auto/manual over-ride facility
- Automatic adjustment to take account of daylight saving
- Battery supported real time clock
- Facility to schedule bank holidays and special dates
- Set up parameters maintained for restart

Product Data

Product Description

The NT200 Series Controllers provide automatic switching of upto 4 electrical circuits to a predetermined schedule. The master time schedule e.g.store opening/site operating times are programmed within the Network Controller.

The timer can then be programmed to switch each of 4 connected circuits at times relative to the master time schedule. The advantage being that updating the master time schedule will automatically adjust all connected circuits.

The product also has provision for special day programming to take account of exceptions such as Bank Holidays.

Ambient Lighting Levels

A JTL LS02 Lighting sensor can be associated with each switched circuit if using an NT211 time scheduler. This provides automatic switching of external lighting circuits dependant on ambient lighting levels and pre programmed minimum / maximum lux levels.

Alarms

The NT time scheduler will alarm if manual override is selected on site. This can be selected as a non-announced or critical alarm.

Remote Access

If operating within a JTL network, absolute and relative timer schedules can be viewed and adjusted remotely.

Hardware

LED display	1
Voltage-free contact outputs	4
Voltage-free contact inputs	4
Analogue inputs (0-10 V dc)	4 (NT211 only)

Technical Specification

Output 1 (changeover relay)	Channel 1
Output 2 (changeover relay)	Channel 2
Output 3 (changeover relay)	Channel 3
Output 4 (changeover relay)	Channel 4

Relay output rating 2 A resistive (230 V max)

Input 1	Channel 1 override or Site Manned input
Input 2	Channel 2 override
Input 3	Channel 3 override
Input 4	Channel 4 override

Analogue input 1	Channel 1 lighting sensor
Analogue input 2	Channel 2 lighting sensor
Analogue input 3	Channel 3 lighting sensor
Analogue input 4	Channel 4 lighting sensor

Push-button 1	Function
Push-button 2	Scroll
Push-button 3	Enter

JTL zone port RS485 2 or 4 wire (selectable)
Communications protocol JTL Jnet zone

Unit dimensions boxed (L x W x H) 260 x 260 x 80 mm
Unit weight boxed 5 kg

Power supply (Standard) 230 V 48-62 Hz

Ordering Information

NT210	Relative timer
NT211	Relative timer with light sensor inputs
LS02	Light sensor



This unit conforms with the relevant EU standards when fitted in accordance with its installation instructions.



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