

PEDESTRIAN TRIACS 1006

TRAFFIC RESPONSIVE ADAPTIVE CONTROL SYSTEM (TRIACS CONTROLLER)

PROTECTION

- 01 The Pedestrian TRIACS 1006 has been designed in response to reduce the number of accidents among pedestrian
- 02 The design of the system is flexible and can be operated automatically or manually subject to the requirements
- 03 The TRIACS 1006 is suitable when the layout of an intersection is such that vehicular indications are not visible to pedestrian or the volumes are very heavy, as in a city center
- 04 Recommended when the traffic light movements at an intersection are so complex that special efforts have to be made to communicate with the pedestrian
- 05 The Controller consists of two part;
 - Walking Human Figure
 - Countdown Display

OVERVIEW

- 01 When the pedestrian green light initializes, the yellow countdown display start to decrement toward zero. The traffic sign can be switched to manual control
- 02 In the case, the yellow countdown display is off. A slowly walking green or red "walking figure" is displayed
- 03 During the night time, when the traffic sign is switched to flashing yellow, the countdown display is synchronized to the control signal
- 04 Due to persistency of the human eye, the figure appears walking. The figure appears walking speeds, when the sign start to flash; it walk at higher speeds and flashes.

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PEDESTRIAN

TRIACS 1006

Pedestrian Features

- ▶ Amber countdown with Pedestrian Green Symbol
- ▶ Red "Standing Man" symbol
- ▶ Flashing red " Standing Man" while awaiting Green (push button activated)
- ▶ Green "Walking Man" moving figure (animated) on-demand sequence activation

Electrical Properties

Parameter	Specification
Noise Immunity	1,000 Vp-p with pulse width 50 ns and 1 us (based on in house measurement)
Voltage	100 - 260 VAC
Frequency	50 + 3 Hz
Spark Suppression	RC Network
External Output Protection	Fuse 24V 3A
External Input Voltage	24 VDC
Logic Module	140 x 90 x 50mm
Controller Housing	460 x 207 x 914mm Electro-galvanised Sheet Steel

- ▶ Operational hours programmable
- ▶ Manual control for Green time extension for special occasion
- ▶ Audible sound on Green (optional) for children, elderly or hearing impaired
- ▶ The package generally consists of Pedestrian Controller, Pedestrian Aspects, Animated or non animated, Optional Lintas Nanti Aspect & Mounting Poles and Cabling
- ▶ Minimum Requirement
 - i. Site visit is conducted or the drawing of junction studied before giving a proposal
 - ii. Pedestrian crossing for walking pedestrian

Environment Properties

Parameter	Specification
Operating Temperature	0 to 85°C
Humidity	35% to 95%
Vibration Resistance	10 Hz to 55 Hz 1 cycle/min Double amplitude of 0.75mm 10 min 3 axes
Shock Resistance	Shock on 98 ms/s or more 4 time on 3 axes
Logic Module	140 x 90 x 50mm
Controller Housing	460 x 207 x 914 mm Electro-galvanised Sheet Steel

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