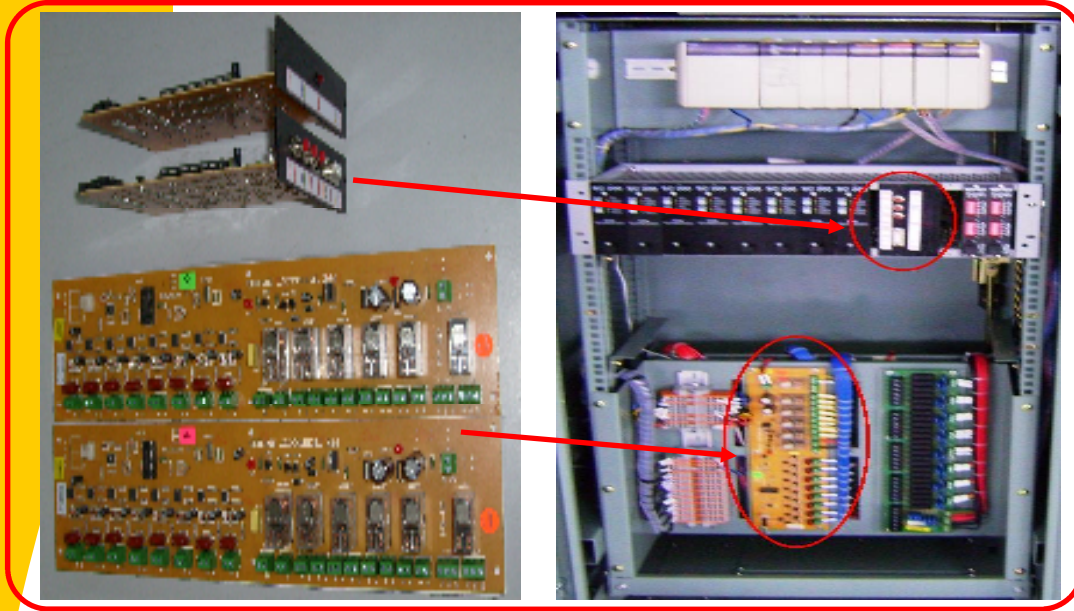


LAMP ANALYZER & CONFLICT DETECTOR



PRODUCT OVERVIEW

- Microprocessor to monitor green lights conflicts in 8-phase, and up to 16 group, traffic light system. The device takes signals from the green lines and feeds them into a microcontroller for conflict detections. When two green lights are detected from different phases, a green conflict occurs.
- The microcontroller will reconfirm the detected error 2 seconds later. If that was a genuine failure, it will activate a *CUT OFF* to the light drivers and then switch the 8 amber lines away from the main line.
- After a short delay, the microcontroller activates the amber blinking circuits. The system will recheck the error every 2 minutes, if the faults remain active after 5 cycles, the blink cycle will continue until the system is reset manually.
- There is a *MODE SELECTOR*, which selects the device to run in various groups and phase modes. The blink cycle will activate when 2-greens in the same group and 1 or more greens on another group which is not supposed to be green were detected.
- The 16-group analyzer is more complex than the 8-group. The system can learn many sequences and is integrated with the existing PPK Controller. It is compatible with a selected range of LED retrofits.

MODEL: PPK-LA-001

Product Datasheet

PPK Technology Sdn Bhd

LAMP ANALYZER & CONFLICT DETECTOR

TECHNICAL SPECIFICATION

ITEM	SPECIFICATION
Block terminals, reset button and mode selector are mounted on PCB	8.5cm x 37.5 cm
Amber override	Using MK21 OMRON Relay
Microprocessor	PIC
Learning Sequence	Self learning using learn button
Cut Off	Cut Off power supply from lamp driver
Blink	Sets controller to blink
Reset	Reset to
Memory	Can store up to 90 events
Aspect	LED and halogen. For LED limited to compatible LED's certified by PPK
Groups	Available in 8G/16G
Loops Simulator	Available for troubleshooting
Errors Detected	Green Conflict (Interagroup), Green conflict (Intergroup), Missing Sequence, Loop Short Circuit (Green)

MANUFACTURED BY:

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PPK Technology product are available nationwide in Malaysia or overseas through selected agents. Product can be supplied, installed, configured and tested by PPK Technology or an approved contractor. For a complete list of products and services available and technical support staff, contact our office or visit our website.

DEALER:

MODEL: PPK-LA-001

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