

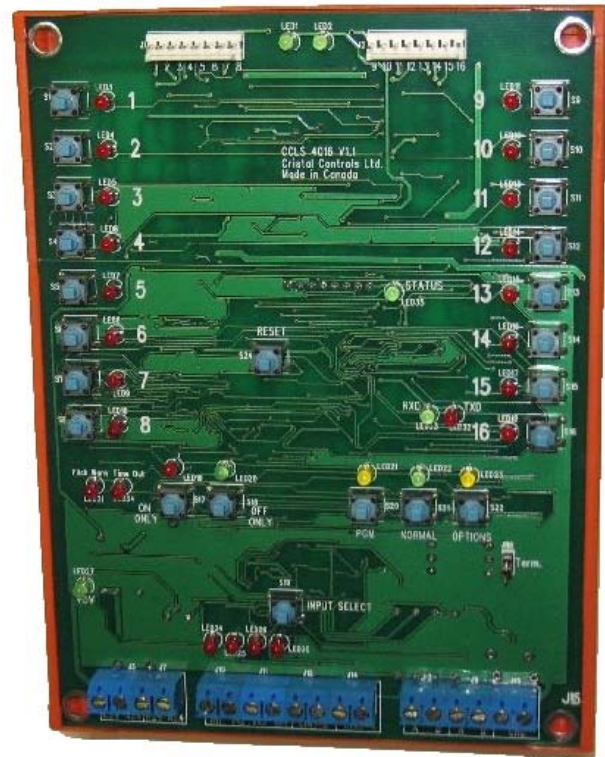
Relay Scanner
Electronic Scanner
CCLS-4016



Description

The CCLS-4016 programmable relay scanner from Cristal Controls enables the control of 16 mechanical or electronic relays. Four independent inputs can be assigned to control the relays. Up to 3 relays can be connected on each input for a maximum of 48 relays per scanner. All configuration is done directly on the scanner through pushbuttons.

- Controls up to 16 lighting relays from Cristal Controls or other (up to 3 relays per output)
- Communication port enabling interconnection of 4 CCLS-4016 relay scanners for a total control of 64 relays (16 inputs available)
- 4 independent configurable inputs that can accept the following signals :
 - Contact (N.C. = « On », N.O. = « Off »)
 - Contact (N.C. = « Off », N.O. = « On »)
 - DC with status feedback
 - DC without status feedback
- Groups programming (inputs/outputs' association) done directly on the scanner
- Warning option to flick the lights 5 minutes before a scheduled off
- Option for automatic deactivation after 2 hours of operation



CCLS-4016 relay scanner

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Applications

1. Typically the CCLS-4016 relay scanner is used to control the lighting of multiple zones simultaneously. The inputs can be programmed to operate one or multiple relays.
2. Many control devices can be connected to inputs : programmable time clock, photocell, motion detector, dry-contact switch or low voltage switch with status feedback.
3. The CCLS-4016 relay scanner is designed to be programmed on location. Pushbuttons along with LEDs on the board allow easy programming.
4. For large-scale applications, it is possible to interconnect up to 4 CCLS-4016 scanners to provide control over 64 outputs from 16 configurable inputs.
5. Compatible with LON, BACnet and DMX communication protocols (when adding a communication interface).

Technical specifications

Supply

- 24 Vac
- Typical consumption 60 mA
- Max. consumption 550mA on a status change (one CW-6161 relay per output)

Outputs

- 16 X 24 Vac rectified positive or negative
- Up to 3 relays per output

Inputs

- 4 configurable inputs
- Choice of input type (contact NO or NC, DC with or without status feedback)

Dimensions

- Unit assembled in a DIN rail mountable frame
- 4 13/16" X 6 1/2" (122 mm X 165 mm)