

Relay Scanner
Electronic Scanner

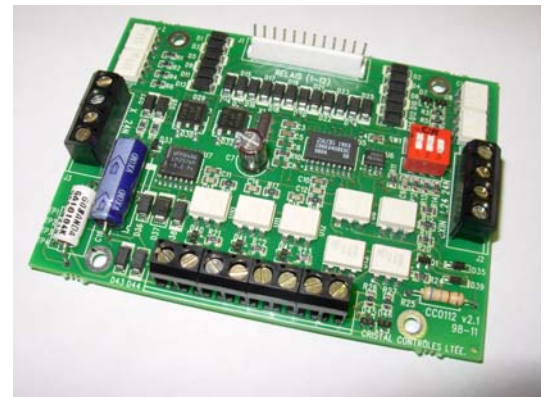
CC-0112



Description

The CC-0112 relay scanner from Cristal Controls allows direct control of 12 mechanical or electronic relays from a configurable input.

- Controls simultaneously up to 36 lighting relays from Cristal Controls or other (by connecting 3 relays per output)
- Protection against contradictory signals
- Keeps memory of the last status, even after a power outage
- Possibility of cascading CC-0112s to allow the control of more than 36 relays (limited by the capacity of control transformer used)
- Selection between 4 types of sweep on a power-up
- Polarity selection for maintained contact
- Protection against electromagnetic noise
- Option : photocell, clock



CC-0112 relay scanner

Relay Scanner Electronic Scanner

CC-0112

Applications

1. The CC-0112 is a low-cost solution ideal for lighting control. The outputs from the CC-0112 are connected to electronic (CCLP-20-1) or mechanical (CW-6161, WR-6161) relays. A signal can control all 12 outputs simultaneously.
2. The communication output of the CC-0112 enables to cascade one or more CC-0112 relay scanners. In this configuration, we get 24 outputs or more (total number of scanners limited by the capacity of control transformer used).
3. Many types of control devices can be connected to the input : programmable time clock, photocell, motion detector, dry contact switch or low voltage switch with status feedback.
4. The DIP switches can be positioned so that on a power-up the CC-0112 does :
 - No sweep
 - Sweep « On »
 - Sweep « Off »
 - Memory sweep

Technical specifications

Supply

- 24 Vac
- Typical consumption 30 mA, 0.7VA
- Max. consumption 4.2 A on a status change (12 CW-6161 controlled) and 12,6 A (36 CW-6161 controlled)

Outputs

- 16 X 24 Vac rectified positive or negative
- Up to 3 relays per output
- Communication output to another CC-0112 scanner

Inputs

- Contact type N.O. or N.C.
- Momentary contact type
- Status feedback type : WR-8501 lv switch (up to 3 switches)
- Communication input

Dimensions

- 4" X 2 15/16" (102 mm X 74 mm)

Relay Scanner

Electronic Scanner

CC-0112

Typical connections

