

CANTY

PROCESS TECHNOLOGY

PowerControl™ Dimmer



WHAT IT DOES

The Canty PowerControl™ remote light dimmer is a low cost, versatile device for remotely controlling the intensity of your toroidal HYL Canty lights. The PowerControl™ uses one 4-20 mA current loop input to control the intensity of your Canty light.

HOW IT WORKS

The PowerControl™ requires a 120V - 230V AC, single phase input. A 4-20 current loop signal controls the SCR firing angle, providing a variable phase angle AC voltage output to a Canty light. The resulting control provides a 0-100% light intensity adjustment of a Canty HYL 80 toroidal series light.

VECTOR SYSTEM

Using the PowerControl™ module, the CantyVision™ Client Software control system can be used to adjust the intensity of your Canty light with a simple click of your computer mouse. Certain software modules utilize the PowerControl™ to automatically adjust light levels based upon a continual software analysis. The CantyVision™ Client Software will analyze the image and automatically adjust the light level for optimal viewing and control.

LOW COST

The relatively low cost of a PowerControl™ dimmer make it a logical choice for all your automation needs.

FEATURES

- Safe
- Rugged, compact design
- CantyVision™ Client Software system or PLC control of one or more Canty HYL 80 toroidal lights
- 4-20 mA input controls light intensity
- Designed to dim any 120V - 230V AC load, single phase, 6kW.
- Compatible with Canty HYL lights
- Standard, WP, EXP enclosures
- Solid state electronics
- Back-to-back SCR design
- Versatile, low cost

SPECIFICATIONS

Input Power:	120 - 230V AC, 50/60 Hz.
Phase:	Single Phase
Power Circuit:	Inv. Parallel SCRs
Current Rating:	50A cont., 120A peak, 1 cycle

HOW TO ORDER

Canty P/N: L150-13

