

Pow-R-Command 25 lighting control panelboard



An alternative to a contactor-integrated panelboard

Eaton's Pow-R-Command™ 25 (PRC25) lighting and plug control panelboard is an ideal, alternative solution for those familiar with recently obsoleted, contactor-integrated panelboards. The PRC25 permits the configuration of up to 42 branch poles and six unique lighting control zones. Zone designations are configured by the customer and are factory wired so lighting control functionality is available out of the box. Field installers will wire the PRC25 as they would an integrated contactor.

General description

Eaton's PRC25 is designed to replace lighting control systems involving multi-pole lighting contactors and relay panels. The PRC25 panelboard is a cost-effective lighting and plug load control panelboard. The compact design provides branch circuit protection and control in a single panelboard enclosure. The PRC25 uses controllable circuit breakers in a panelboard, which are grouped into zones and switched by a dry-contact or low-voltage signal from an external source.

Components

- Integrated PRC25 controller
- Controllable circuit breakers
- PRC group terminating boards

Integrated PRC25 controller

PRC25 integrates into PRL1X and PRL2X panelboards offered from 100 A to 600 A in main lug and main breaker configurations. Available voltages are 120/240 Vac single-phase or 480Y/277 Vac or 208Y/120 Vac three-phase. The panelboard utilizes both Branch-mounted standard breakers through 100 A and thermal-magnetic breakers that are controlled by the PRC25 controller. The PRC25 panelboard is listed UL® 67 for panelboards and UL 916 for energy management equipment.



PRC25 controller



Two- and single-pole remote-operated circuit breakers

Please see PA014034EN or contact your Eaton representative for more information.



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