

# CONTROLLED POWER COMPANY

## Rectifier Options: DC Isolation Switches

Available On: Series 50, Series 70, and Series 1800/2400

In single-zone and multi-zone metal finishing systems, it may be a requirement to electrically isolate the output of the rectifier from the tank for safety, service, or maintenance reasons. To address this need, Controlled Power Company offers DPST DC isolation switches, in which maintenance personnel can lock the DC output off by using a hasp with padlocks or a Kirk Key safety system (optional). In order to conserve floor space, the switch enclosure can be attached to the back of the rectifier; or it can also be in a freestanding or wall-mounted configuration. Below is a diagram of a DC transfer switch used in a 2 zone system with 3 rectifiers.

DPST DC Isolation Switches in a 2 Zone Cathodic Configuration 2 Primary Rectifiers 1 Backup

