



DigiFCR™ DC

Firing Circuit Replacement

DigiFCR™ DC

Increase your DC power rectifier system's life, and obtain a higher performance, friendly diagnostic tools and wide LAN communication options using digital control at low cost, keeping the SCR Bridges to minimize the required investment to improve reliability and overcome obsolescence.

The DigiFCR™ DC is a microprocessor based integrated drive and process control subsystem. Incorporating TMEIC™ e2 advanced control technology, it has been designed to be the controller of medium to large complexity SCR Bridges where the need for advanced control requirements, high speed of response, expanded diagnostic capability and various I/O interfaces are beyond the capability of conventional analog control.

DigiFCR™ DC features and benefits:

- ▶ Common spare parts with other DigiDrive™ products such the AC Drives
- ▶ Configured and monitored with the TMdrive® Navigator
- ▶ Ease of use, high-performance trending and other diagnostic functions
- ▶ I/O expansion boards:
 - Enhanced Keypad
 - AXIO I/O Interface Card
 - EXD: Extended Digital Card
 - EXA: Extended Analog Card

The controller has flash memory and real time clock. It also has a numerous industrial communication capability including:

- ▶ Profibus-DP®
- ▶ DeviceNet®
- ▶ ControlNet®
- ▶ Industrial Ethernet
 - EGD (Global Data)™
 - Modbus TCP™
 - EthernetIP®
 - Profinet®

