

SCR Converter Automatic Control Module

This DC module features electronics for automatic control of the SCR converter. It incorporates an automatic load sharing system for drawworks, rotary table, and mud pump motors.



Product Overview

Advanced SCR Converter Control

This DC Control Module is designed to streamline vital electronics for AC and DC system functions onto a single, robust circuit board. Engineered for reliability, the module features hard-wired connections to prevent vibration-related failures and undergoes rigorous factory testing. With pre-calibrated settings, it ensures rapid, plug-and-play replacement and minimizes the need for field adjustments or troubleshooting.

Technical Features

Control Capabilities

- Automatic load sharing for drawworks, rotary table, and mud pump motors
- SCR firing circuits with hard firing pulse output
- Individual control of current limits for all drilling functions
- Zero throttle interlock

Safety & Protection

150 %

Gate Suppression Threshold

Design & Maintenance

Design Philosophy

Hard-wired connections, Single circuit board architecture, Fool-proof design, Factory calibrated, Interchangeable modules