

## Retro- and Upgrade Services

### Remote Racking Systems

#### For medium voltage circuit breakers



SQUARE D Services offers remote racking systems that allow medium voltage circuit breaker racking operations to be performed from a distance. This system removes the operator from manual contact with the circuit breaker.

Our Remote Racking System (RRS) controls movement of medium voltage circuit breakers via a control panel located away from the cell. The RRS allows the automatic racking and testing of a medium voltage circuit breaker from a remote location by using PLC and communication links.

Designs for our remote racking system are available for most major switchgear manufacturers.

#### Why choose SQUARE D Services?

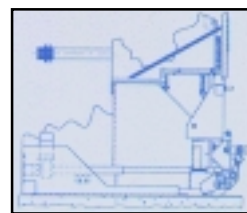
Circuit breaker racking functions are automatically controlled and monitored without direct contact

Designs are available for most major equipment manufacturers

National network of service locations and qualified experts, available 24/7

#### Features and Benefits of the Remote Racking System

- Main components include:
  - Racking actuator with the motor
  - Limit switches
  - Remote control unit
  - Circuit breaker guide
  - Control wiring disconnect
  - Circuit breaker quick disconnect device
- All racking operations are performed from a safe distance, 25-30 feet away from circuit breaker cell via a control panel
- The original interlock system is maintained
- Circuit breaker is in trip-free condition during racking operation
- Remote indication of circuit breaker position inside switchgear
- Fully ANSI tested (more than 500 racking operations)
- Types of remote racking systems
  - Modification of an existing racking device
  - Remote Racking Systems (RRS) controlled by an operator
  - Automatically controlled RRS
- Can be used with air magnetic, SF<sub>6</sub>, or vacuum replacement medium voltage circuit breakers



Contact your Square D sales representative, call Square D at 1-888-778-2733 or visit [www.SquareD.com](http://www.SquareD.com).

Emergency Services Available  
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