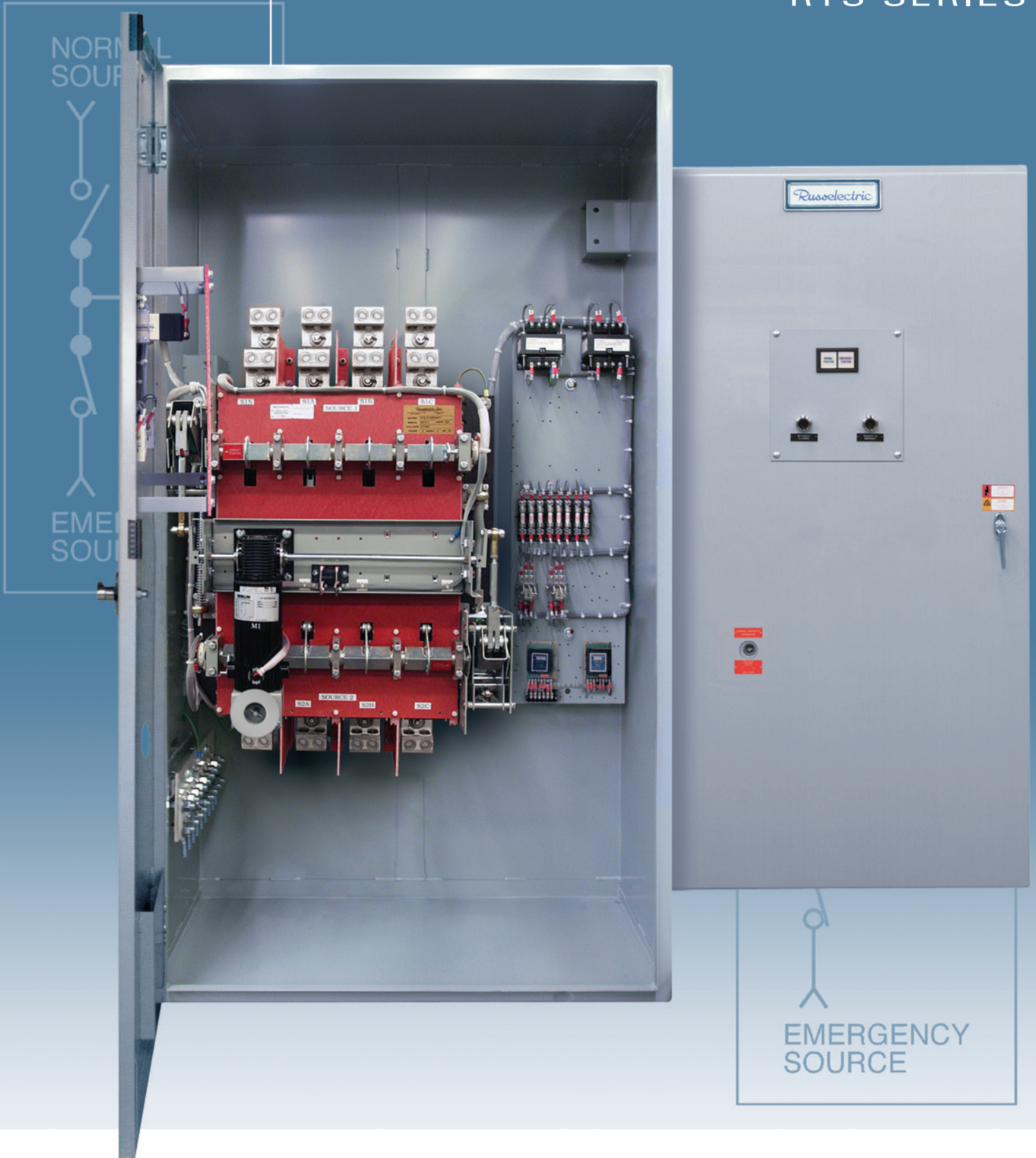


# Nonautomatic Transfer Switches

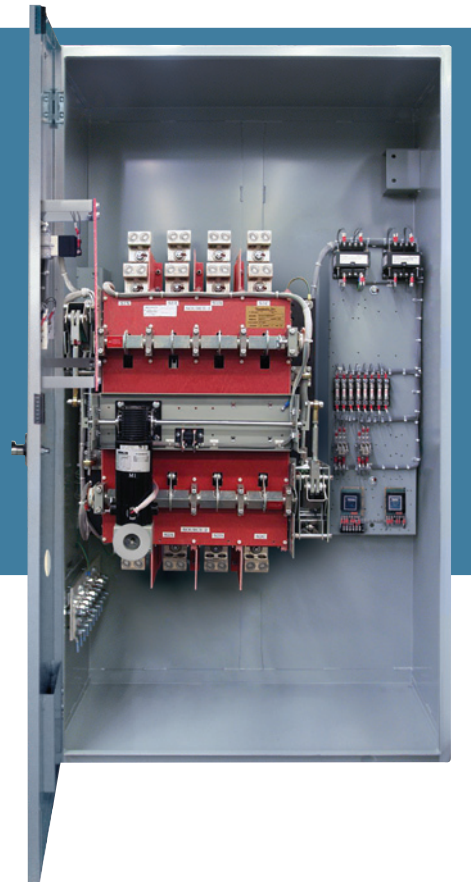
RTS SERIES



*Russelectric*  
POWER CONTROL PEOPLE YOU CAN RELY ON

# 30-Cycle-Rated Single- or Dual-Operator Nonautomatic Transfer Switches

- UL-1008 listed through 4000 amperes
- Electrical initiation through the use of two pushbuttons
- Quick-break, quick-make contacts
- Rapid and reliable arc quenching
- Positive mechanical and electrical interlocking
- Safe external manual operator capable of switching under load
- Easily converted to automatic operation in the future



## 30-Cycle Rated Single- or Dual-Operator Nonautomatic Transfer Switches

Russelectric RTS Series nonautomatic transfer switches are ideal for applications in which immediate restoration of service (after loss of the normal source) is not critical, and local operations personnel are available to initiate transfer. These switches are UL-listed double-throw devices with identical withstand ratings and design characteristics to RTS Series automatic transfer switches.

Since these nonautomatic switches are identical in design to Russelectric RTS Series automatic transfer switches and are of the same exceptional quality, users can be confident that they are time-tested, reliable, and safe.

Operations personnel can initiate a source transfer locally using electrically operated pushbuttons or a mechanical external manual operator, or remotely (optional).

All nonautomatic switches can be easily converted to fully automatic operation with the addition of a control panel and minor wiring changes. This ensures flexibility for future expansion and system redesign.

| 3-Cycle and 30-Cycle Closing and Withstand Ratings                                      |  |          |
|---|--|----------|
| <i>RMS Symmetrical Amperes 480 VAC<br/>UL Tested, Listed, and Labeled Under UL-1008</i> |  |          |
| Switch Size<br><i>amperes</i>   | Closing and Withstand Rating<br><i>amperes</i> |          |
|   | 3-Cycle  | 30-Cycle |
| 100   | 42,000   | 30,000   |
| 150   | 42,000   | 30,000   |
| 225   | 42,000   | 30,000   |
| 260   | 42,000   | 30,000   |
| 400   | 42,000   | 30,000   |
| 600   | 65,000   | 42,000   |
| 800   | 65,000   | 42,000   |
| 1000  | 85,000   | 65,000   |
| 1200  | 85,000   | 65,000   |
| 1600  | 100,000  | 85,000   |
| 2000  | 100,000  | 85,000   |
| 3000  | 100,000  | 85,000   |
| 4000  | 125,000  | 100,000  |

## Tested, Listed, and Labeled by UL under UL-1008

Before Underwriters' Laboratories, Inc. will allow a transfer switch to be listed with a short circuit rating, it requires that the switch be able to close in on the same amount of fault current as it can withstand. All Russelectric RTS Series transfer switches have been fully tested, listed, and labeled for 30-cycle and 3-cycle closing and withstand ratings under UL-1008.

In applications where extremely high short circuit current is available, fuse protection is mandatory. When coordinated with current limiting fuses, Russelectric RTS Series transfer switches have UL-listed closing and withstand ratings of 200,000 A.

*For more information, please refer to the RTS Series Automatic Transfer Switch Brochure*