

AUTOMATIC TRANSFER SWITCHES — PERFORMANCE DATA

WITHSTAND RATINGS IN SYMMETRICAL RMS AMPERES

| MOLDED CASE TRANSFER SWITCHES | | | | | | |
|--------------------------------------|--------------------|-----------|----------------|-----------|---------------------|-----------|
| AMPERE RATING | STANDARD WITHSTAND | | HIGH WITHSTAND | | VERY HIGH WITHSTAND | |
| | 240 volts | 480 volts | 240 volts | 480 volts | 240 volts | 480 volts |
| 100 | 65,000 | 35,000 | 100,000 | 65,000 | 200,000 | 100,000 |
| 225 | 65,000 | 35,000 | 100,000 | 65,000 | 200,000 | 100,000 |
| 400 | 65,000 | 35,000 | 100,000 | 65,000 | 200,000 | 100,000 |
| 600 | 65,000 | 35,000 | 100,000 | 65,000 | 200,000 | 100,000 |
| 800 | 65,000 | 50,000 | 100,000 | 65,000 | 200,000 | 100,000 |
| 1000 | 65,000 | 50,000 | 100,000 | 65,000 | 200,000 | 100,000 |
| 1200 | 65,000 | 50,000 | 100,000 | 65,000 | 200,000 | 100,000 |

| INSULATED CASE TRANSFER SWITCHES | | | | | | |
|---|--------------------|-----------|----------------|-----------|---------------------|-----------|
| AMPERE RATING | STANDARD WITHSTAND | | HIGH WITHSTAND | | VERY HIGH WITHSTAND | |
| | 240 volts | 480 volts | 240 volts | 480 volts | 240 volts | 480 volts |
| 800 | 65,000 | 65,000 | 100,000 | 100,000 | 200,000 | 150,000 |
| 1200 | 65,000 | 65,000 | 100,000 | 100,000 | 200,000 | 150,000 |
| 1600 | 65,000 | 65,000 | 100,000 | 100,000 | 200,000 | 150,000 |
| 2000 | 65,000 | 65,000 | 100,000 | 100,000 | 200,000 | 150,000 |
| 2500 | 65,000 | 65,000 | 100,000 | 100,000 | 200,000 | 150,000 |
| 3000 | 65,000 | 65,000 | 100,000 | 100,000 | 200,000 | 150,000 |
| 4000 | 65,000 | 65,000 | 100,000 | 100,000 | 200,000 | 150,000 |

OVERLOAD AND ENDURANCE TESTS

| OVERLOAD | | ENDURANCE | | |
|-----------------|----------------------|------------------|--------------|-----------------|
| AMPERE RATING | NUMBER OF OPERATIONS | MAXIMUM CURRENT | TOTAL CYCLES | MAXIMUM CURRENT |
| 100 | 50 | 600 | 6000 | 200 |
| 225 | 50 | 1350 | 6000 | 450 |
| 400 | 50 | 2400 | 4000 | 800 |
| 600 | 50 | 3600 | 3000 | 1200 |
| 800 | 50 | 4800 | 3000 | 1600 |
| 1000 | 50 | 6000 | 3000 | 2000 |
| 1200 | 50 | 7200 | 3000 | 2400 |
| 1600 | 25 | 9600 | 3000 | 3200 |
| 2000 | 25 | 12000 | 3000 | 4000 |
| 2500 | 3 | 15000 | 3000 | 5000 |
| 3000 | 3 | 18000 | 3000 | 6000 |
| 4000 | 3 | 24000 | 3000 | 8000 |

DIELECTRIC TESTS All test reports include post-encurance dielectric test for 60 cycles, 1000 volts plus twice rated voltage.
TEMPERATURE RISE TESTS All test reports include temperature rise test within UL 1008, 50 degree C limits.

NOTE: All data in the above tables are device ratings for the specified transfer switch without coordination of any upstream protective devices.

