Molded Case Circuit Breakers
Types TJ4V, THJ4V, TJL4V, TK4V, TKL4V
with Power + TM
Digital RMS Trip Units
Long-time Delay, Short-time Delay,
and Instantaneous Time-Current Curves
Curves apply at 50 through 400 Hertz and
from -20°C to 55°C Breaker ambient.

Note: Operation above 60 Hertz requires
continuous current derating of the circuit
breaker for thermal reasons.

CAUTION: 50/60 Hertz short-circuit interrupting
ratings do not apply at frequencies over 65 Hertz.

Frame          Current Sensor (X)
J600      150, 200, 300, 400, 500, 600
K1200            800, 1000, 1200
Voltage Rating: 600 Vac, maximum

Long-Time Function:
Current settings (C): 0.5, 0.6, 0.7, 0.8, 0.9, 0.95, 1.0
Multiples of Sensor Rating (X).
Delay bands: 1, 2, 3, and 4

Short-Time Function:
Pickup settings: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 7.0, 9.0
Multiples of current setting (C).
Delay bands: Min (1), Int (2), Max (3); I^2t In/Out.

Instantaneous Function:
See table with curves above.

Settings Glossary:
X = Current Sensor Rating in amps
C = Long-time Current Setting in amps

DES-008
Molded Case Circuit Breakers
Types TJ4V, THJ4V, TJL4V, TK4V, TKL4V
with Power 4™ 4
Digital RMS Trip Units

Long-time Delay, Short-time Delay and Instantaneous Time-Current Curves
Curves apply at 50 through 600 Hertz and from -20°C to +55°C breaker ambient.

NOTE: Operation above 60 Hertz requires continuous current derating of the circuit breaker for thermal reasons.

CAUTION: 50/60 Hertz short-circuit interrupting ratings do not apply at frequencies over 60 Hertz.

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GE Industrial Systems
General Electric Company
41 Woodford Avenue, Plainville, CT 06062

Available Ratings (Amperes)

<table>
<thead>
<tr>
<th>Frame</th>
<th>Current Sensor (X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J500</td>
<td>150, 200, 300, 400, 500, 600</td>
</tr>
<tr>
<td>K1200</td>
<td>800, 1000, 1200</td>
</tr>
</tbody>
</table>

Voltage Rating: 600 volts AC, maximum

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DES-008

Long-time function:
- Current settings (X): 0.5, 1, 3, 5, 7, 8, 9, 10, 20, 40, 80, 150, 300, 400, 500, 600, 800, 1000, 1200

Short-time function:
- Pickup settings: 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10, 20, 30, 40, 60, 100
- Delay Bands: 1, 2, 3 and 4

Instantaneous function:
- See table 1 with curves above

Settings Glossary:
X = Current Sensor Rating in amperes
C = Long-time Current Setting in amperes

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