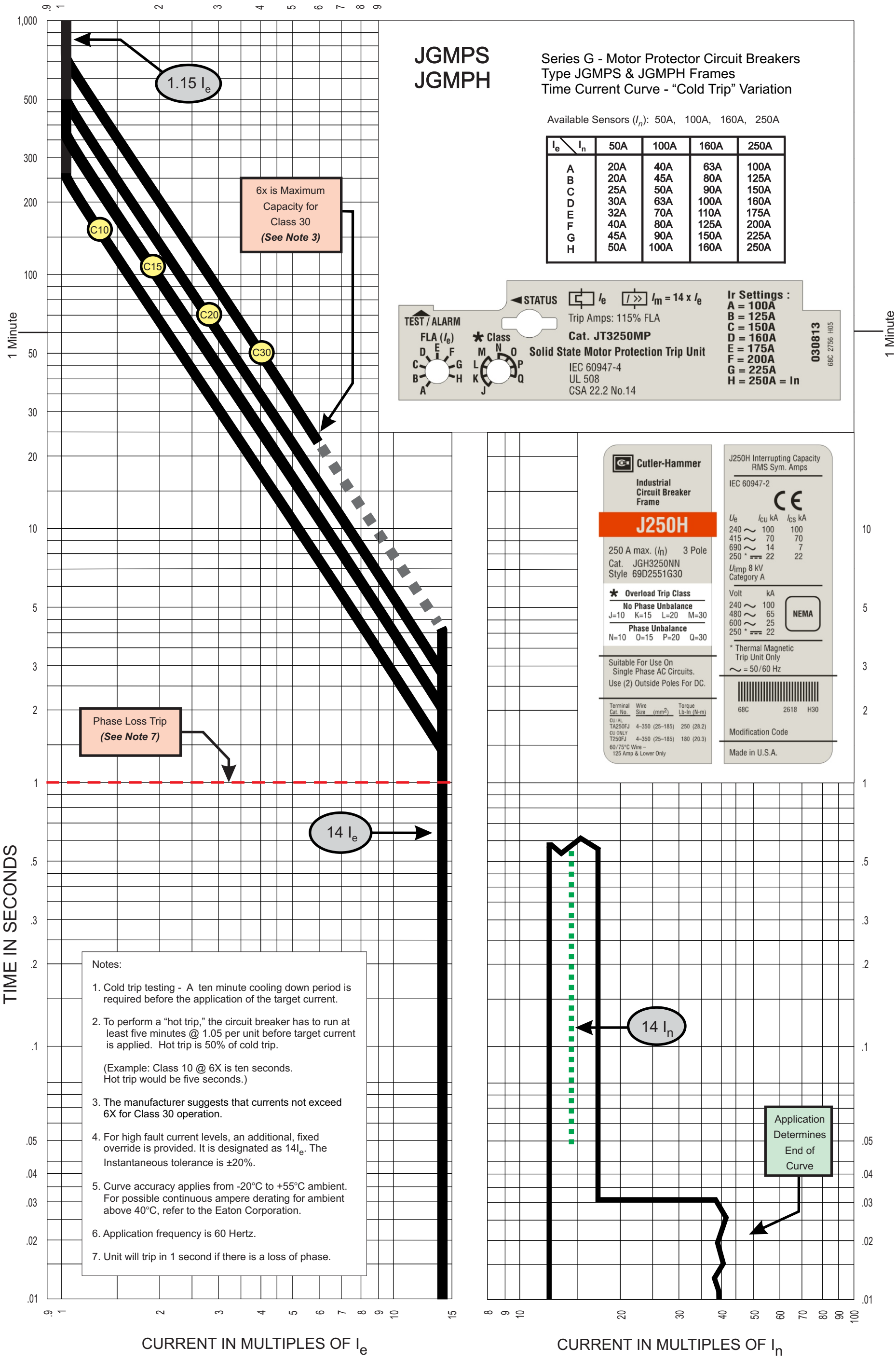
EATON | Cutler-Hammer

JGMPS
JGMPH

Series G - Motor Protector Circuit Breakers
Type JGMPS & JGMPH Frames
Time Current Curve - "Cold Trip" Variation

Available Sensors (I_n): 50A, 100A, 160A, 250A

I_e \ I_n	50A	100A	160A	250A
A	20A	40A	63A	100A
B	20A	45A	80A	125A
C	25A	50A	90A	150A
D	30A	63A	100A	160A
E	32A	70A	110A	175A
F	40A	80A	125A	200A
G	45A	90A	150A	225A
H	50A	100A	160A	250A



Notes:

1. Cold trip testing - A ten minute cooling down period is required before the application of the target current.
2. To perform a "hot trip," the circuit breaker has to run at least five minutes @ 1.05 per unit before target current is applied. Hot trip is 50% of cold trip.

   (Example: Class 10 @ 6X is ten seconds. Hot trip would be five seconds.)
3. The manufacturer suggests that currents not exceed 6X for Class 30 operation.
4. For high fault current levels, an additional, fixed override is provided. It is designated as $14I_e$. The Instantaneous tolerance is ±20%.
5. Curve accuracy applies from -20°C to +55°C ambient. For possible continuous ampere derating for ambient above 40°C, refer to the Eaton Corporation.
6. Application frequency is 60 Hertz.
7. Unit will trip in 1 second if there is a loss of phase.

Curve Number: TC01204006E
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