

Frequently Asked Questions

Q1: What was the purpose of releasing both JG and FD CL solutions?

A1: The JG is targeted at the OEM market that requires the advantages of the Series G line with global ratings and through-cover accessories while the FD is a panelboard solution and allows Eaton to move the fused FD limiters to aftermarket status.

Q2: Will the JG CL effectively replace the FB tri-pac and LFD current limiters which carries 200kAIC at both 480Vac & 600Vac?

A2: Yes, the JG CL will replace the FB and LFD from 70-250A. Keep in mind we also offer the EG CL for lower ampere applications, maximum voltage 600Y/347.

Q3: Can the JG limiter modules be replaced in the field?

A3: At this time there is no plans to sell the limiter units separate from the breakers.

Q4: Will the individual limiters themselves be field-replaceable?

A4: Unlike fused limiters, nothing needs to be replaced. The limiter consists of moving arm and stationary contacts similar to the JG circuit breaker. The moving arms do not latch, so they automatically close after interruption. Reset the breaker and system power is restored.

Q5: Is the same limiter used for all breaker ampere ratings 70A-250A?

A6: Both standard and high interruptThe same limiter is used from 70-250A.

Q7: Will this product have a means to prevent single-phasing (if 1 limiter melts will the breaker trip)?

A7: No elements to melt, see A4 above. During fault condition the breaker trips, opening all three phases.

Q8: Will these have a blown-fuse indicator?

A8: No elements to melt, see Q4 above. Indication can be provided via handle position of the breaker or remotely with auxiliary or alarm switch.

Q9: Will these be offered in any of our enclosures or boards?

A9: CPD is working with the assembly divisions to integrate product into their offerings. Anticipated launch is 3rd quarter 2012.

Q10: What other markings will these carry besides UL (CSA)?

A10: CE, IEC self certified.

Q11: Will there be any limitations on terminals?

A11: For the JG, load end matches the load end of the breaker, all JG terminations applicable. For the FD, it uses the standard FD breaker terminals however the limiter uses the JG terminations.

Q12: Are there limitations on using electrical operators or any of the handle mechanisms?

A12: No limitations with breaker mounted accessories, except earth leakage module may not be used with current limiter module.

Contact Eaton Care, the TRC, or your regional marketing manager.

Q13: Can the limiter be used with the HMCPE?

A13: The JG MCP is released for sale but the HMCP is undergoing preliminary testing with the limiter. The plan is to release the product for sale late 2012.

Q14: Can the limiter be applied in reverse feed applications?

A14: The first release of the product was design for standard feed applications only. Additional investigation and testing is required prior to launching a reverse feed product.

Q15: Why did Eaton provide a solution that can accommodate a line or load mounted limiter?

A15: Primarily for mounting flexibility and outgassing options. For a load mounted limiter there will be outgassing during an electrical fault from the line side of the breaker and the load side of the limiter. For a line mounted limiter, all outgassing will be come from the line side of the breaker through the limiter.



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