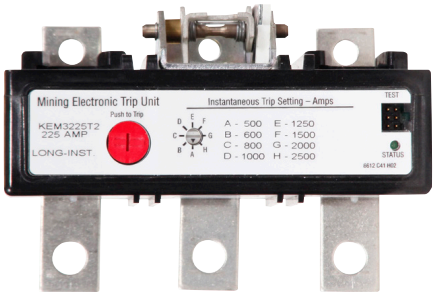
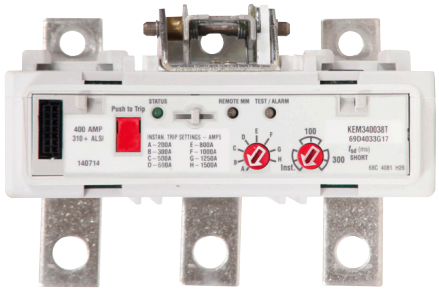
Digitrip RMS 310+ Trip Unit to Supercede Digitrip RMS 310 for Mining Applications

310



310+



Eaton is pleased to introduce the Digitrip RMS 310+ for Mining Series molded case circuit breakers which will supercede the Digitrip RMS 310. The 310+ trip units have the same form, fit, function of the 310, and offer a wide range of selectable setting and optional features to fit your electrical needs. With the release of the RMS 310+, RMS 310 will no longer be available.

Catalog numbers and ordering process remain unchanged. See below for an example of a side by side comparison.

	310	**310+**
Amperes (A)	100-2000 A	100-2000 A
Poles	3	3
Frame Rating Setting	Fixed and Adjustable Rating Plugs	No rating Plug Internal IR Switch
Short Delay Pickup Level	Adjustable, A-H	Adjustable, A-H
Long Delay Time Setting	Fixed, 6x 10s	Fixed, 6x 10s
Short Delay Time Setting*	100 ms	Inst, 100 ms, 300 ms
Status LED	Green, consistent heartbeat	Green, consistent heartbeat
High Load Condition**	Status LED turns solid when in pickup	Separate red High Load Alarm LED, relay contacts available
Remote Maintenance Mode**	N/A	Separate blue LED, lowers instantaneous setting to 2.5x
Cause-of-Trip**	N/A	External module with display

* In addition to the short delay trip function, there is a fixed instantaneous override. If a fault current exceeds these override values, the breaker will trip instantaneously (in approximately 20 milliseconds or less).

** Optional features on 310+.

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The instructions for installation, testing, maintenance, or repair herein are provided for the use of the product in general commercial applications and may not be appropriate for use in nuclear applications. Additional instructions may be available upon specific request to replace, amend, or supplement these instructions to qualify them for use with the product in safety-related applications in a nuclear facility.

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