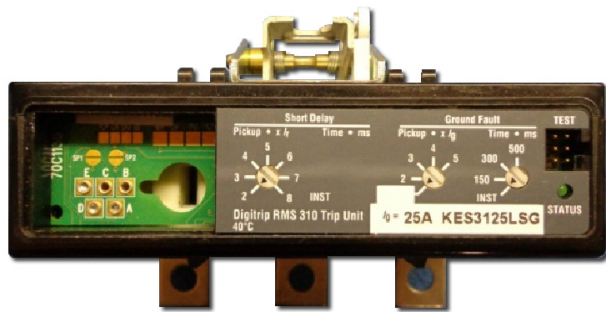


# Digitrip KES RMS 310+ Trip Unit Supercedes Digitrip KES RMS 310 Trip Units

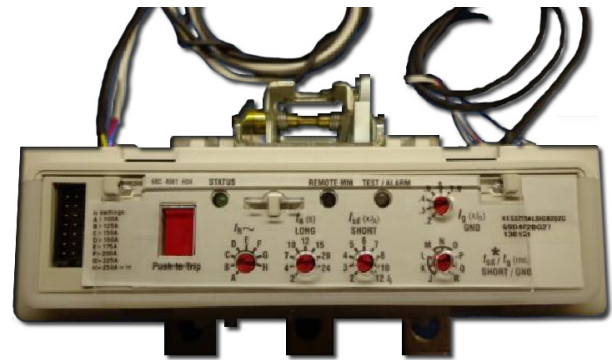
Eaton is pleased to introduce the Digitrip KES RMS 310+ for Series C K frame molded case circuit breakers which will supercede the Digitrip KES RMS 310. The KES 310+ trip units have the same form, fit, function of the KES 310, and offer a wide range of selectable setting and optional features to fit your electrical needs. With the

release of the KES RMS 310+, KES RMS 310 will no longer be available.

Catalog numbers and ordering process remain unchanged. See below for side by side comparison.



**KES 310**



**KES 310+**

	<b>KES 310</b>	<b>KES 310+</b>
Amperes (A)	125A* 250A 400A	250A 400A
Poles	3, 4*	3
Frame Rating Setting	Fixed and Adjustable Rating Plugs	No rating Plug Adjustable IR Switch
Short Delay Pickup Level	Adjustable, 2x-8x	Adjustable, 2x-12x
Long Delay Time Setting	Fixed, 6x 10s	Adjustable, 6x 2-24s
Short Delay Time Setting**	Inst, 100ms, 200ms, 300ms	Inst, 120ms, 300ms
Ground Fault Time Setting	Inst, 150ms, 300ms, 500ms	Inst, 120ms, 300ms
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
Ground Fault Alarm***	N/A	Ground Fault Alarm available
Zone Selective Interlock***	N/A	Provides coordination with up and downstream breakers
Remote Maintenance Mode***	N/A	Separate blue LED, lowers instantaneous setting to 2.5x
Cause-of-Trip***	N/A	External module with display

\* KES RMS 310 will continue to be available for 3 poles 125A and 4 poles applications

\*\* In addition to the short delay trip function, there is a fixed instantaneous override for both the 400A and 250A trip units. The override for the 400A is fixed at 4400A and the override for the 250A is fixed at 4200A. If a fault current exceeds these override values, the breaker will trip instantaneously (in approximately 20 milliseconds or less).

\*\*\* Optional features on 310+



Powering Business Worldwide

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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