

MADE IN U.S.A

MINI Circuit Breakers Model VB3

Direct replacement for "ATO/ATC" automotive style fuses



SPECIFICATIONS

Amp Ratings : 3, 4, 5, 6, 7.5, 10,
12.5, 15, 20, 25, 30.

Voltage Ratings : 14 VDC ; 28VDC

Operating Temperature:

-40 F to 185 F (-40 C to 85 C).

Storage Temperature :

-40 F to 260 F (-40 C to 125 C).

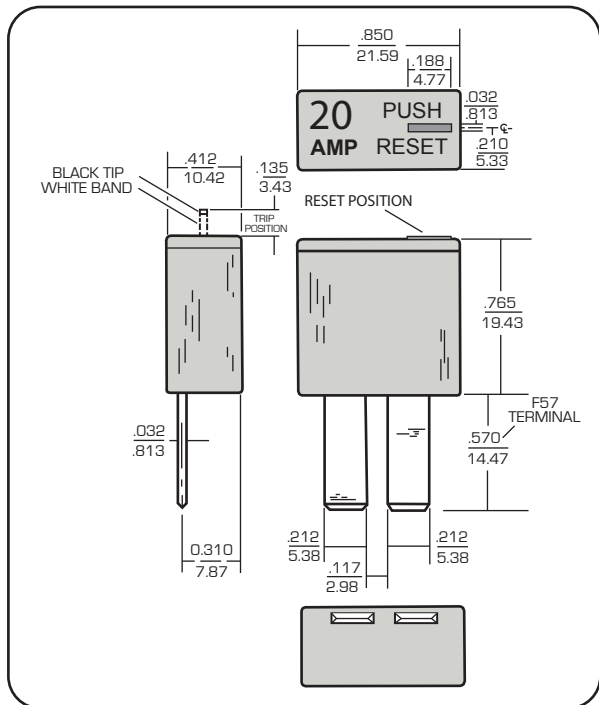
Housing : UL Rated 94 VO Thermoplastic (Non -
Conductive housing eliminates dangers of internal
parts shorting to case).

Terminal Type : Compatible with ATO/ATC fuse blocks

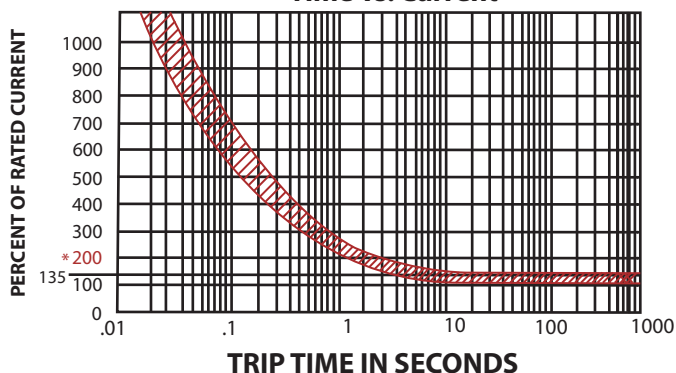
Versions : Type I Automatic reset

Type III Manual reset

Approvals : Meets or exceeds SAE standard
J553 Type I and Type III Circuit Breakers.



Time vs. Current



MUST HOLD 100 % @ 25 & 70 degrees C

150 % overload = 3.9 - 47 seconds

175 % overload = 2.2 - 9.2 seconds

*200 % overload = 1.5 - 3.9 seconds

250 % overload = 0.8 - 1.8 seconds

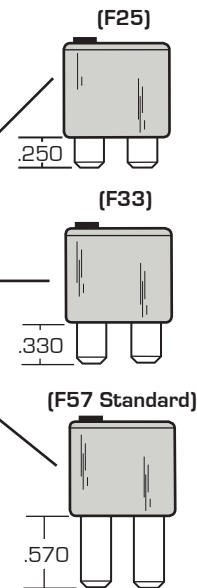
300 % overload = 0.5 - 1.1 seconds

400 % overload = 0.3 - 0.6 seconds

500 % overload = 0.2 - 0.3 seconds

Ordering Information

VB3 Model Number	Type Reset	Amp Rating	Terminal Style
AUTO 20 RESET AMP	Automatic Reset (Type I)	3 12	F25
		4 15	F33
20 PUSH AMP RESET	Manual Reset (Type III)	5 20	F57
		6 25	
		7.5 30	
		10	



Automatic Reset (Type I) = A

-Upon overload the breaker cycles continuously during an overload condition until the overload is removed or corrected.

Remote Reset (Type II) = R

-Upon overload the breaker opens and remains open as long as power is available or the overload is removed.

Manual Reset (Type III) = M

-Upon overload the breaker opens and remains open until the breaker is reset.



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