



## The easiest and fastest way to select and specify the right control circuit fuse



### Control Circuits

Find the Bussmann series control circuit fuse you need in just three simple steps.

#### Product description:

Eaton's Bussmann® series Fuses Made Simple™ program provides the easiest and fastest way to select and specify the right fuse.

Whether it's branch circuit or control circuit (supplemental) fuses, we take the guesswork out.

With Bussmann series Fuses Made Simple - Control Circuits, we now make it simple and easy to replace control circuit fuses with six, voltage-based color codes that help make it easy to identify the right fuse.

Control circuit fuses have many different voltage ratings, ranging from 32 to 600Vac.

Because their physical size does not vary with voltage ratings, the most frequent cause of misapplication is due to improper voltage selection.

Now, each fuse label has a unique identifying color band that represents the fuse's maximum voltage rating. This makes selection easy, replacement simple, and enhances the safety of the entire system.

Additionally, each fuse label now has a consistent look. Critical fuse information is presented in an easy-to-read format across the entire Bussmann series control circuit fuse portfolio to help speed replacement.

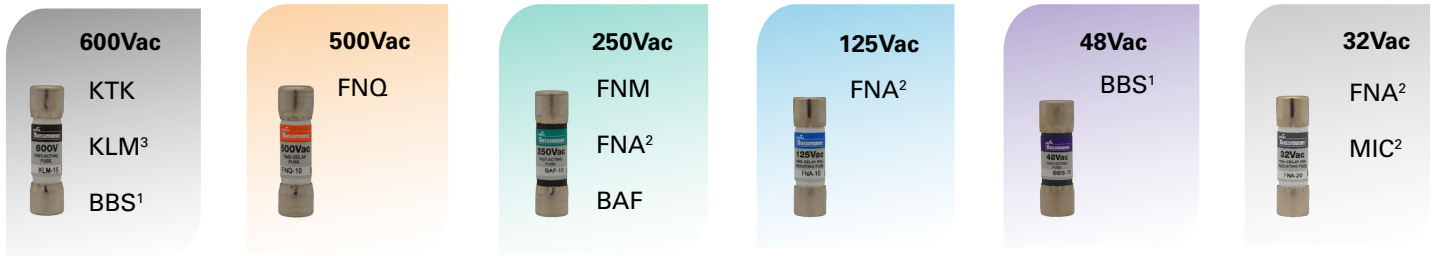
#### Find the Bussmann series control circuit fuse you need in three simple steps:

- 1 Type**  
Select the fuse type. Select from time-delay (for inductive loads) or fast-acting (for resistive loads).
- 2 Voltage**  
Select the voltage rating needed. Keep in mind that the fuse voltage rating must be equal to or greater than the circuit voltage.
- 3 Interrupting rating**  
Verify that the interrupting rating of the fuse selected is sufficient for the circuit application. Keep in mind that the interrupting rating must be equal to or greater than the available fault current.

## Color-coded by voltage

Each fuse has a unique identify color band that represents the fuse's maximum voltage rating. When it's time to replace a fuse, Eaton makes it easy to search for the replacement. Select the

voltage needed by simply looking for the Bussmann series fuse with the right color band in the storage bin. This narrows the search and speeds replacement time.



### Notes:

1. Fuse is 1-3/8" long
2. Fuse is pin indicating
3. Fuse is also rated for 600Vdc

Use the following table to find and select the right Bussmann series control circuit fuse:

	600Vac	500Vac	250Vac	125Vac	48Vac	32Vac
Time-delay	Low-Peak™ Class CC (LP-CC) fuse recommended*	<b>Family</b> <b>FNQ</b> <b>Interrupting rating</b> <b>10kA</b> (1/10-30 amp)	<b>Family</b> <b>FNQ</b> <b>FNA²</b> <b>Interrupting rating</b> <b>35kA</b> (1/10-1 amp) <b>100A</b> (1 1/3- 3 1/2 amp) <b>200A</b> (4-10 amp) <b>10kA</b> (12-30 amp) <b>35A</b> (1/10- 8/10 amp) <b>200A</b> (1-6 amp)	<b>Family</b> <b>FNQ</b> <b>Interrupting rating</b> <b>10ka</b> (6 1/4- 15 amp)	Upgrade to 125Vac	<b>Family</b> <b>FNA²</b> <b>Interrupting rating</b> <b>1kA</b> (20-30 amp)
	<b>Family</b> <b>Interrupting rating</b> <b>KTK</b> <b>100A</b> (1/10- 30 amp) <b>KTM²</b> <b>100kA</b> (1/10-30 amp) <b>BSS¹</b> <b>10kA</b> (1/10-6 amp)	Upgrade to 600Vac	<b>Family</b> <b>FNQ</b> <b>BSS¹</b> <b>Interrupting rating</b> <b>35kA</b> (1/4 -1 amp) <b>MIC²</b> <b>35A</b> (1amp) <b>100A</b> (2-3amp) <b>200A</b> (5-10amp) <b>750A</b> (15amp)	Upgrade to 250Vac	<b>Family</b> <b>BSS¹</b> <b>Interrupting rating</b> <b>kA**</b> (12-30 amp)	<b>Family</b> <b>MIC²</b> <b>Interrupting rating</b> <b>10kA</b> (20-30 amp)

For ultimate protection, any of the control circuit fuses above can be upgraded to a branch circuit rated Low-Peak Class CC fuse (LP-CC).

<sup>1</sup>Fuse is 1-3/8" long

<sup>2</sup>Fuse is pin indicating

<sup>3</sup>Fuse is also rated for 600Vdc.

\*For primary protection of control transformers, use FNQ-R.

\*\*For interrupting rating, contact factory.

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 Printed in USA  
 Publication No. 10225  
 September 2015

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