

## Fuses in Hazardous Locations

### Class I Division 1

Fuses located in Class 1 Division 1 locations are required to be provided with enclosures that are identified as a complete assembly for use in Class 1 locations [501.115(A)].

### Class I Division 2

NEC Section 501.115(B)(3) addresses the use of current-limiting fuses in Class I Division 2 locations. Plug and cartridge fuses used for the protection of motors, appliances, and lamps are permitted provided they are placed in enclosures rated for the location. Fuses are permitted in general-purpose enclosures if they meet one of the following criteria:

- a) They are the type which the element is immersed in oil or other approved liquid
- b) The element is hermetically sealed against gases and vapors
- c) They are non-indicating, filled, and current-limiting type

Busmann offers many fuses that meet the criteria for non-indicating, filled, current-limiting type.

#### Class CC

LP-CC 1/2 through 30A  
KTK-R 1/2 through 30A  
FNQ-R 8/10 through 30A

#### Class T

JJN 1 through 1200A  
JJS 1 through 800A

#### Class J

JKS 1 through 600A  
LPJ\_SP through 600A

#### Class G

SC 1/2 through 60A

#### Class CC

KTN-R 1 through 600A  
KTS-R 1 through 600A  
LPN-RK\_SP\* 3 through 6.25 and  
70 through 600A

#### Class RK5

FRN-R 3 through 7.25 and  
225 through 600A  
FRS-R\*\* 65 through 600A

#### Class L

KRP-C\_SP 601 through 6000A  
KTU 601 through 6000A  
KLU 601 through 4000A

The following is a list of hermetically sealed fuses:

#### Medium Voltage

JCH-30  
JCH 2R through 24R  
JCG-30  
JCG 2R through 24R

\*Fuses from July 1996 or date code C28 to present only.

\*\*Fuses from October 1997 or date code D40 to present only.