



26 2813 – Fuses

Page 1 of 1

Last Update: [May 12, 2017](#)

Low Voltage Fuse Approved Manufacturers:

Buss "Fusetron" - FRN-R/FRS-R or equal by Mersen.

Buss "Low Peak" - LPN-RK/LPS-RK or equal by Mersen

Buss "Low Peak" – KRPC or equal by Mersen.

Motor Protection:

Fuses for motor protection shall be sized not to exceed 125% of the motor nameplate data current, except fuses protecting motors with variable frequency drives that shall be sized per drive manufacturer's recommendations.

Amp Rating:

Fuses rated at 600 amperes or less shall be UL Class "R" rejection type or Class "J" type. In most cases Low peak fuses should be used

Fuses rated 601 amperes and larger shall be UL Class "L" current limiting bolt-in rejection type. They shall have at least 45 second time delay at 200%.

Additional Description:

"Fusetron" types shall have 200,000 A.I.C. RMS Symmetrical per U.L. Standards with minimum opening time of 10 seconds at 500% rating. UL Class RK-5.

"Low Peak" type shall have 200,000 A.I.C. RMS symmetrical with minimum opening time of 10 seconds at 500% rating. The short circuit element shall be silver sand UL Class RK-1. Provide stick-on labels on enclosure cover indicating size and type for this fuse type.

"Hi-Cap" type shall have 200,000 A.I.C. RMS symmetrical with minimum opening time of 4 seconds at 500% rating and current limitation per U. L. Standards. Silver linked.