

1500 Volt Limitron Fast-Acting Fuses

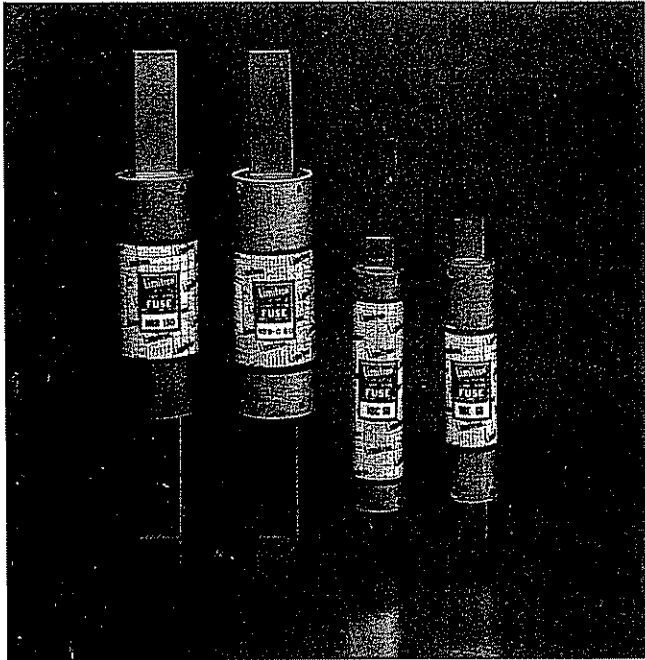
For Use In Submersible Pump-Motor Controllers And General Applications



BUSSMANN

Power Distribution Fuses—1500 Volts (or less)

Limitron® Fast-Acting (For Submersible Pump-Motor Controllers)



In addition to general usage, the Buss 1500 volt Limitron fast-acting fuses have particular application for circuit protection in the control panels of submersible pump motors. Since the controllers are typically separated from their pump motors by several thousand feet, their nominal voltage ratings are 1000, 1200, or 1500 volts. In order to minimize cable size and voltage drop, the pump motors are designed to operate at voltage lev-

CATALOG SYMBOLS NBB, NBB-C, NBC, AND NBE
FAST-ACTING
CURRENT RATINGS THRU 200 AMPERES
1500 VOLTS AC (OR LESS)
CURRENT LIMITING
HIGH INTERRUPTING RATING
FOUR CASE SIZES:

NBB: Blade-type construction; available in 60, 100, and 200 ampere case sizes

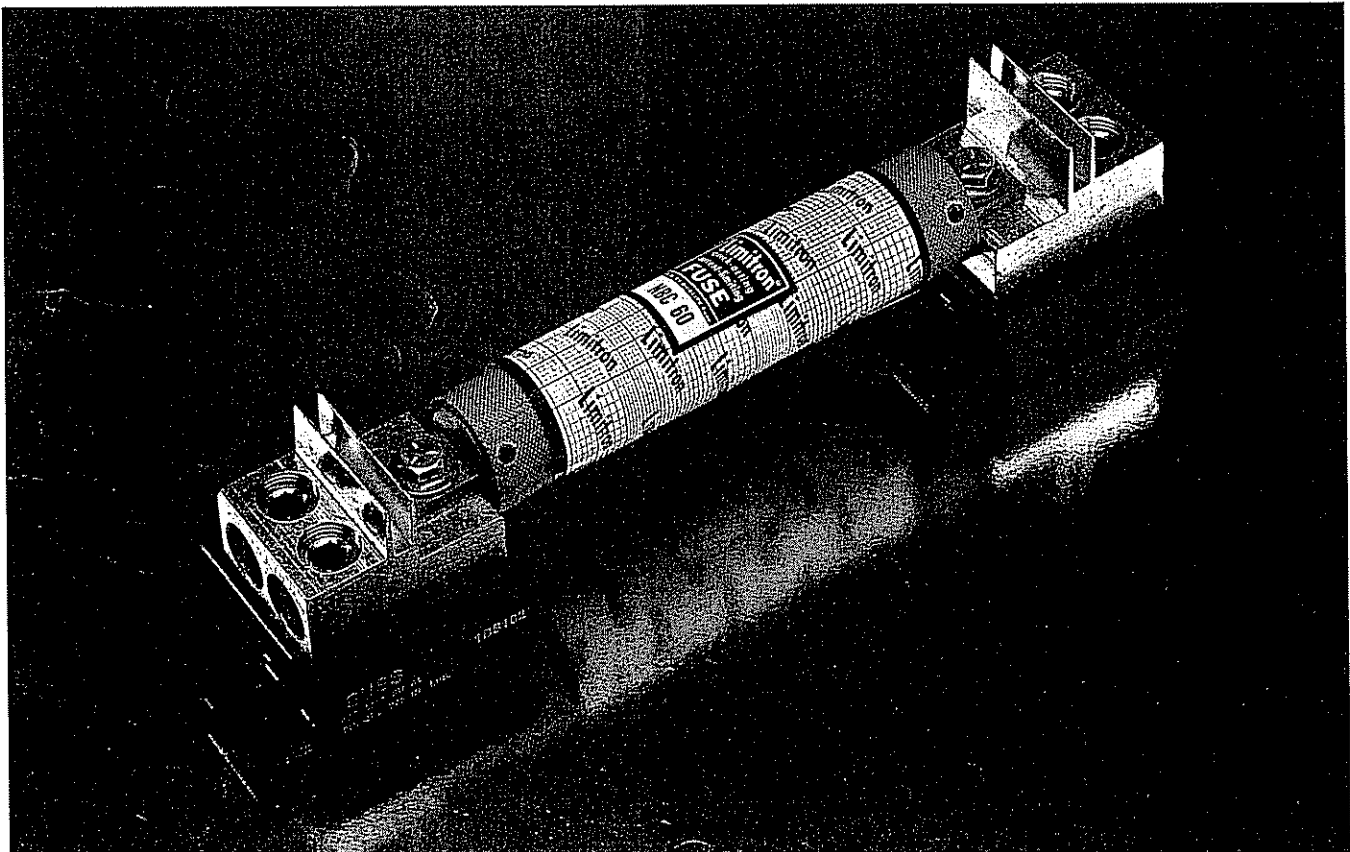
NBB-C: Blade type construction; ampere ratings 25A thru 100A; case size equivalent to the NBB200.

NBC: Bolt-in type construction; available in 60, 100, and 200 ampere case sizes. Compact design excellent for applications where panel space is limited.

NBE: Short blade design; current ratings of 35 thru 100 amperes

FUSEBLOCKS—Buss 1BS Series Modular Blocks

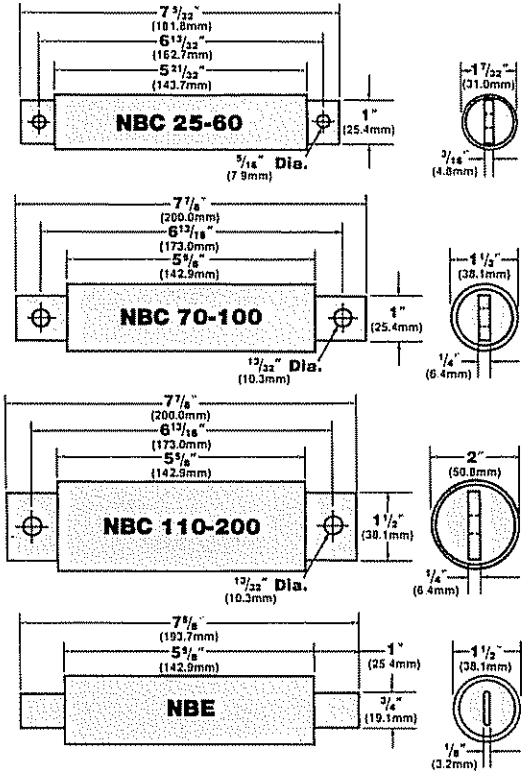
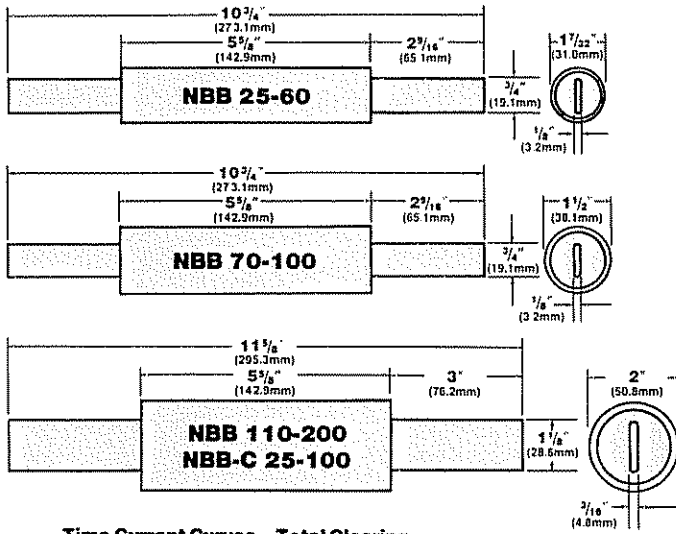
els above 600 volts. Large time delay in the branch circuit protection devices is not necessary due to the unique design of the motors . . . their inrush currents are in the 200% to 400% range and acceleration times are only 10 to 15 cycles. The high performance design and construction of the Buss 1500 volt Limitron fuses make them ideal for this specific system. Buss 1BS Series Fuseblocks simplify fuse mounting.



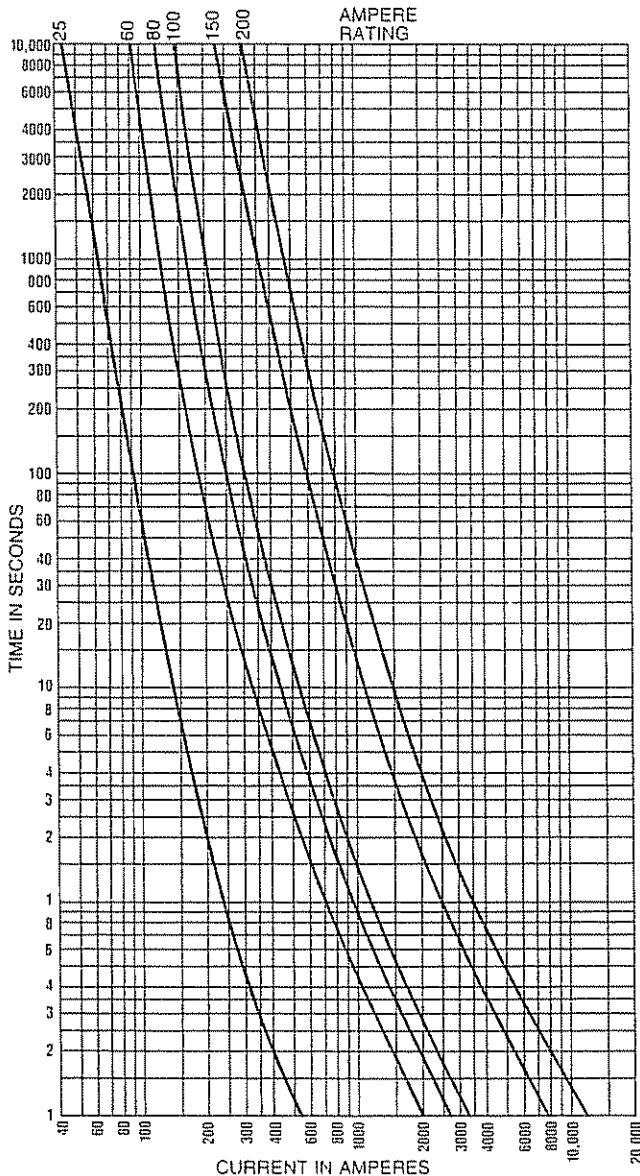
Limitron fast-acting fuse mounted in a Buss 1BS Series Modular Fuseblock.

Limitron® Fast-Acting (For Submersible Pump-Motor Controllers)

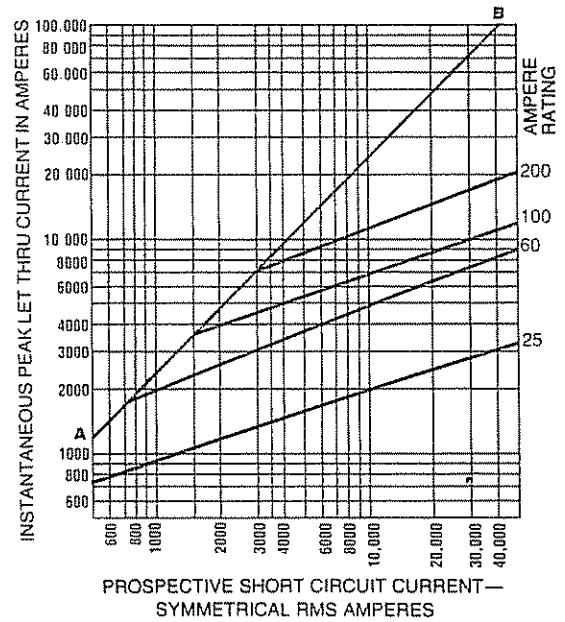
Dimensional Data



Time Current Curves—Total Clearing
 NBB, NBB-C, NBC, and NBE



Current Limitation Curves
 NBB, NBB-C, NBC, and NBE

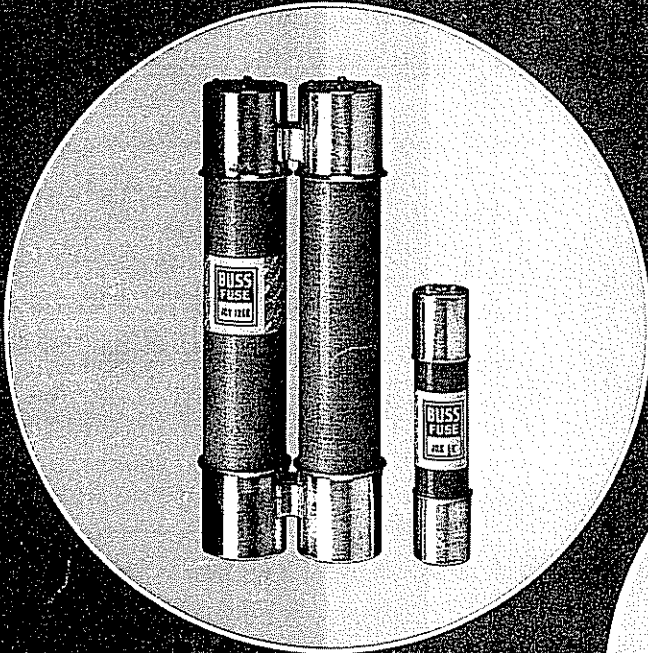


Cross References

Gould-Shawmut	Buss
A150X25-3B to A150X100-3B	NBB-C-25 to 100
A150X25-3C to A150X100-3C	NBE-25 to 100
A150X125-3C to A150X200-3C	NBB-125 to 200
A150X25-4 to A150X200-4	NBC-25 to 200
Reliance	
BBN-60 to 200	NBB-60 to 200

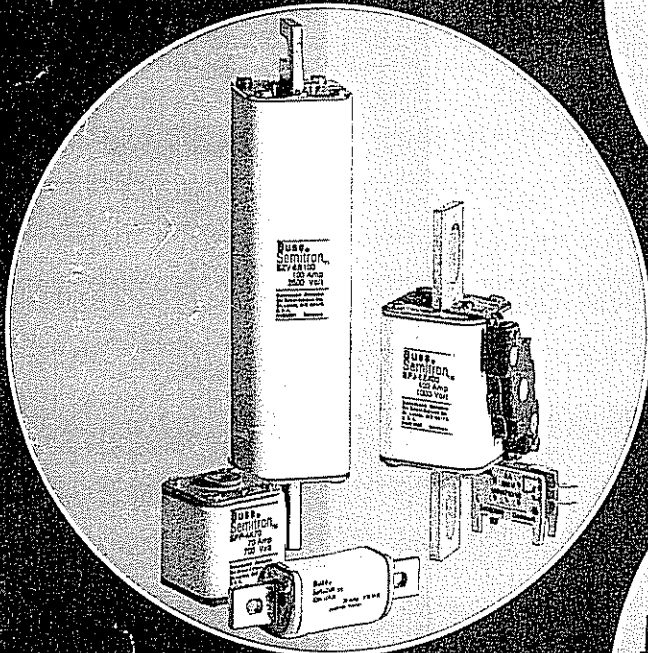
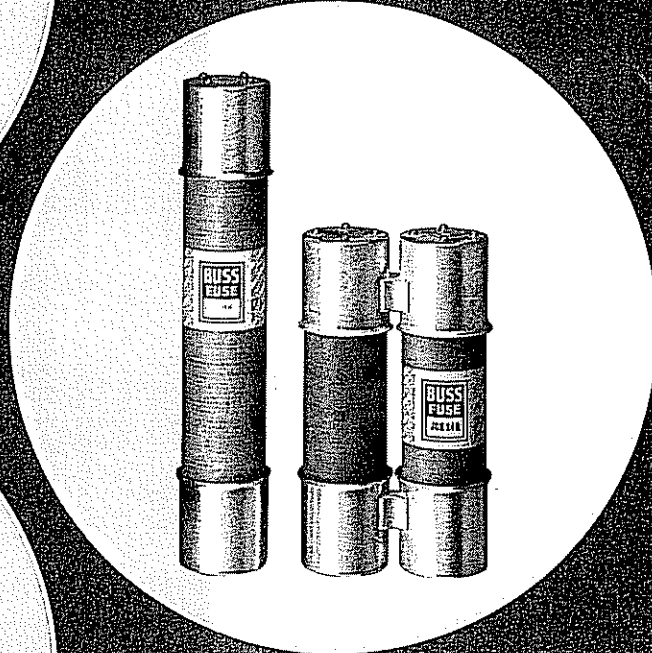
Other Buss Products

(See Buss Full-Line Catalog FLC)



Buss E-Rated Fuses . . . The JCX (2400 volts) and JCY (4800 volts) fuses are E-rated medium voltage current-limiting power fuses designed for the protection of transformers, medium voltage feeders, and branch circuits. Available in ampere ratings from 1/2E thru 200E.

Buss R-Rated Fuses . . . BUSS JCK (2400 volts) and JCL (4800 volts) medium voltage current limiting fuses provide short-circuit protection for motors and motor-control equipment. Available in ratings from 2R to 24R.



Buss Semitron® Fuses . . . Available in ratings up to 10,000 volts and 10,000 amperes.

Buss Modular Fuseblocks . . . Available in standard ratings up to 1000 volts and 600 amperes. Contact Bussmann for higher voltage ratings.

