

## NV fuse-link aM

Fuse-links with aM characteristics are intended for protection of switchgears and controlgears as well as motors in motor drives where gG characteristics do not comply with all requirements of successful protection of these devices. They are made in all standard NV sizes from 00 to 4a for all standard rated currents and for voltages to 690 V. Their main duty is to enable a full usage of switchgears and controlgears in the region of starting currents and to prevent sparking or destruction of protective contacts in case of short-circuit currents. It should be noted that these fuse-links are intended only for protection in the limited region (in the region of short-circuit currents).

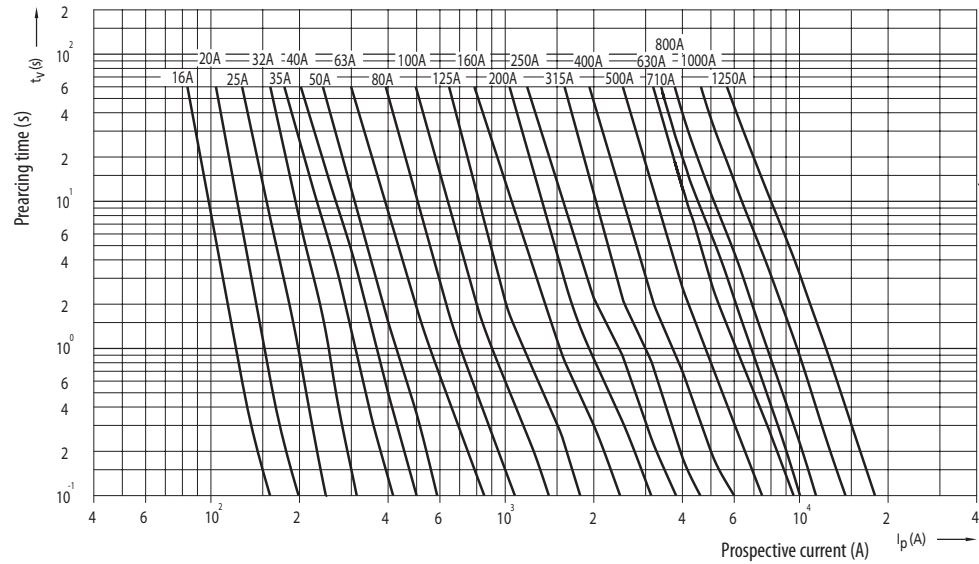
### Technical data:

Rated voltage $U_n$	690 V AC
Rated current $I_n$	2-1250 A
Dimensions	DIN 43620, IEC 60269, EN 60269
Fusing characteristics	aM acc. to VDE 0636-2011, DIN VDE 0636
Breaking capacity at $1,1 U_n$	100 kA

### Power dissipation of fuse-links NV aM 690 V a.c.

size	the highest rated current at according to VDE 0636-2011 690 V AC (A)	the maximal power dissipation 690 V AC (W)	real power dissipation of fuse-links 690 V AC (W)
NV 00	160	12	9
NV 1	250	32	28
NV 2	400	45	41
NV 3	630	60	58
NV 4a	1250	105	110

Time current characteristics  
I/t, aM



Cut-off current characteristics

