

**SIZE: 1 CLASS: aM**

**500Vac**



**DIMENSIONAL DATA ON PAGE 33**

- For the protection of motor circuits
- Partial range breaking capacity
- Rated at 500Vac to IEC 60269-2-1 (VDE 0636)
- VDE Licence Mark
- Reduced body size for ratings <160A
- Other voltage ratings available, contact Bussmann for further information

**1 FUSE LINK SELECTION TABLE**

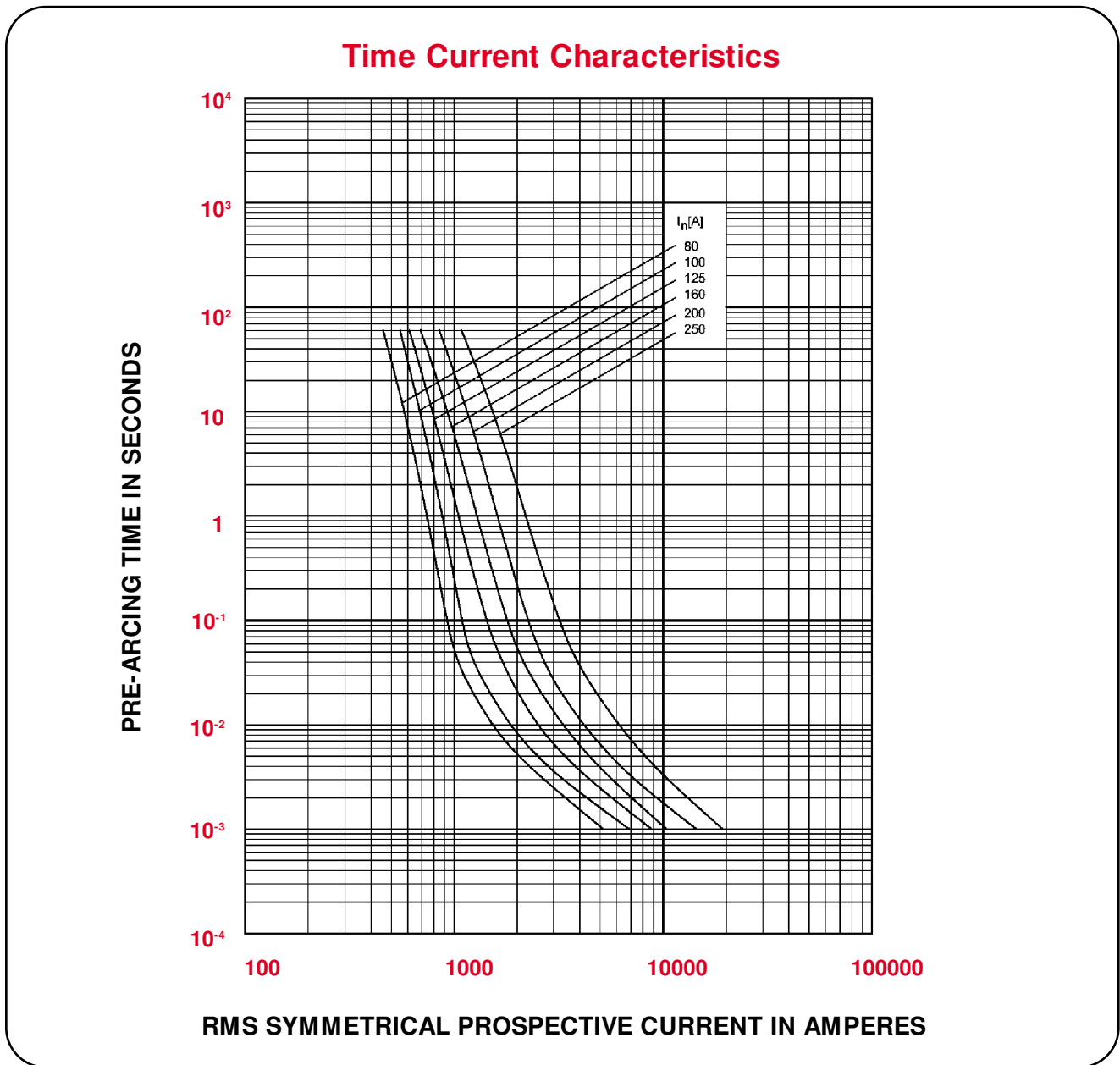
Rated Current	Part Number	Watts loss (W)	Breaking Capacity	Weight	Packaging
40	40NH1M	3.3	120kA @ 500V ac 50kA @ 250V dc	0.220 kg	3 pcs per Carton
50	50NH1M	4.2			
63	63NH1M	5.4			
80	80NH1M	7.1			
100	100NH1M	7.4			
125	125NH1M	8.3			
160	160NH1M	11.7			
200	200NH1M	17.0			
250	250NH1M	19.5			

**2 FUSEHOLDER SELECTION TABLE FOR SIZE 01 (1S) & 1 FUSE LINKS**

No.Poles	Part Number	Material	Max Rated Current	Max Watts Loss of Fuselink	Weight	Packaging
1	SB1	Fibreglass	160A	32W	0.360 kg	3 per box
1	SBS1	Steatite	160A	32W	0.700 kg	1 per box
3	TB1	Fibreglass	160A	32W	1.200 kg	1 per box

**3 FUSE SWITCH-DISCONNECTOR SELECTION TABLE FOR SIZE 01 (1S) & 1 FUSE LINKS**

No.Poles	Part Number	Max Rated Current of Fuse Links	Rated Voltage	Max Watts Loss of Fuselink	Weight	Packaging
1	LBS1/1	250A	690A ac	32W	2.500 kg	1 per Box
3	LBS1/3					



**I<sup>2</sup>t** CHARACTERISTICS

Bussmann Part Number	Rated Current RMS-Amps	I <sup>2</sup> t (A <sup>2</sup> S)		
		Pre Arcing at 500Vac	20 x I <sub>n</sub> at 500Vac	I <sub>1</sub> 120kA at 500Vac
40NH1M	40	1200	12000	32000
50NH1M	50	1850	20000	47000
63NH1M	63	2100	35000	75000
80NH1M	80	3200	50000	110000
100NH1M	100	7000	100000	190000
125NH1M	125	11100	120000	220000
160NH1M	160	20800	190000	310000
200NH1M	200	29000	300000	500000
250NH1M	250	56000	510000	850000