

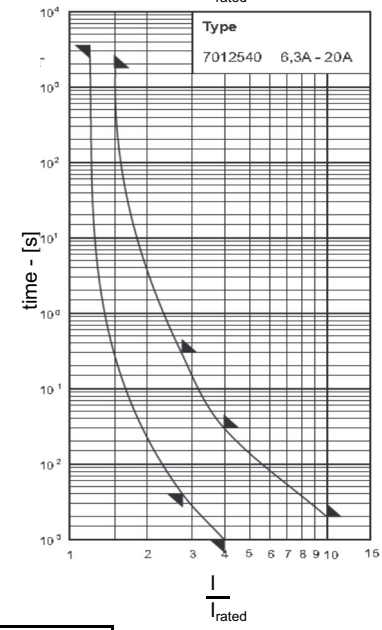
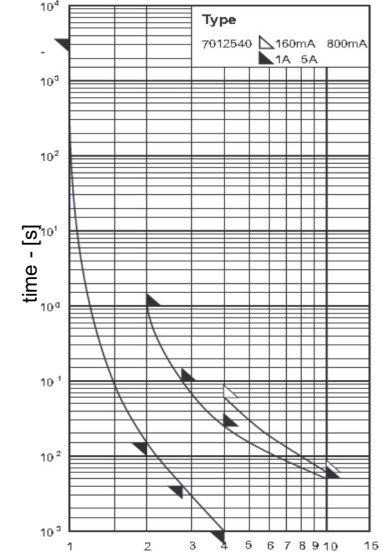
G **Rated Voltage** [Un] **Rated Breaking Test** **Class** **Standard(s)**

700V_{AC} **Voltage** **Capacity** **FF**

50kA **6.3mmx32mm - Ceramic Tube w/Filler, Contacts - Brass, Nickel Plated**

Rated Current I_n [A]	Article Number		Rated Breaking Current [A]	Voltage Drop [mV]	Power Dissipation @ $1I_n/1.2I_n$ [W]	Pre-arcing I^2t [A ² s]
0.100	7012540.0.100	✓	50kA @ 700V _{AC} ¹	2 500	0.3	0.0009
0.125	7012540.0.125	✓	50kA @ 700V _{AC} ¹	2 200	0.3	0.0017
0.160	7012540.0.160	✓	50kA @ 700V _{AC} ¹	2 000	0.4	0.004
0.200	7012540.0.200	✓	50kA @ 700V _{AC} ¹	900	0.2	0.01
0.250	7012540.0.250	✓	50kA @ 700V _{AC} ¹	800	0.2	0.02
0.315	7012540.0.315	✓	50kA @ 700V _{AC} ¹	700	0.3	0.04
0.400	7012540.0.400	✓	50kA @ 700V _{AC} ¹	650	0.3	0.07
0.500	7012540.0.500	✓	50kA @ 700V _{AC} ¹	650	0.4	0.12
0.630	7012540.0.630	✓	50kA @ 700V _{AC} ¹	650	0.5	0.15
0.800	7012540.0.800	✓	50kA @ 700V _{AC} ¹	600	0.5	0.23
1	7012540.1	✓	50kA @ 700V _{AC} ¹	750	0.8	0.32
1.25	7012540.1.25	✓	50kA @ 700V _{AC} ¹	700	0.9	0.20
1.6	7012540.1.6	✓	50kA @ 700V _{AC} ¹	650	1.1	0.31
2	7012540.2	✓	50kA @ 700V _{AC} ¹	650	1.4	0.64
2.5	7012540.2.5	✓	50kA @ 600V _{AC}	550	1.4	1.2
3.15	7012540.3.15	✓	50kA @ 600V _{AC}	500	1.6	2.0
4	7012540.4	✓	50kA @ 600V _{AC}	450	1.8	5.0
5	7012540.5	✓	50kA @ 600V _{AC}	400	2.0	10
6.3	7012540.6.3	✓	50kA @ 600V _{AC}	400	4	3.0
8	7012540.8	✓	50kA @ 600V _{AC}	350	4.5	6.5
10	7012540.10	✓	50kA @ 600V _{AC}	350	5	12
12.5	7012540.12.5	✓	50kA @ 500V _{AC}	300	7	18
16	7012540.16	✓	50kA @ 500V _{AC}	300	9	31
20	7012540.20	✓	50kA @ 500V _{AC}	300	11	46
25	7012540.25	✓	50kA @ 500V _{AC}	230	11	87

Time-Current Characteristics



0	Weight (kg per 100)	¹⁾ 20kA @ 500V _{DC}
	0.24	For 6.3A and higher, consideration should be given to heat dissipation
	Units per Package	
	10	

IP - (1 000 pieces)
e.g. 70 125 40.16IP



Dimensions [mm]



Rated Current	Fusing Time Limits									
	$1I_n$		$1.2I_n$		$2.75I_n$		$4I_n$		$10I_n$	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
160mA - 800mA	1h	—	—	—	—	—	—	60ms	—	6ms
1A - 5A	1h	—	—	—	4ms	150s	1ms	25ms	—	5ms
6.3A - 20A	—	—	1h	—	4ms	300s	1ms	30ms	—	2ms