

Semiconductor Fuses

LV HRC SITOR Fuse Links

Rated voltage 1000 V AC

Technical specifications

Type	3NE4 101	3NE4 102	3NE4 117	3NE4 118	3NE4 120	3NE4 121	3NE4 122	3NE4 124	
Operational class (IEC 60269)	gR			aR					
Rated voltage U_n	V AC 1000								
Rated current I_n	A	32	40	50	63	80	100	125	160
Melting I^2t value I^2t_s ($t_{vs} = 1$ ms)	A^2s	40	75	120	230	450	900	1800	3600
Breaking I^2t value I^2t_A at U_n	A^2s	280	500	800	1500	3000	6000	14000	29000
Temperature rise at I_n (body center)	K	45	50	65	78	82	85	100	120
Power dissipation at I_n	W	12	13	16	20	22	24	30	35
Varying load factor WL	0.9								
Certification	according to UL 248-13								
Weight approx.	kg	0.27							
Accessories									
Fuse base, 1-pole 3-pole	3NH3 120 3NH4 230								
Fuse puller	3NX1 011								
Fuse switch disconnectors	3NP42, 3NP52								
Switch disconnector with fuses	3KL55 30-1.B00 3KM55 30-1.B00								

Type	3NE3 221	3NE3 222	3NE3 224	3NE3 225	3NE3 227	
Operational class (IEC 60269)	aR					
Rated voltage U_n	V AC 1000					
Rated current I_n	A	100	125	160	200	250
Melting I^2t value I^2t_s ($t_{vs} = 1$ ms)	A^2s	665	1040	1850	4150	6650
Breaking I^2t value I^2t_A at U_n	A^2s	4800	7200	13000	30000	48000
Temperature rise at I_n (body center)	K	65	70	90	80	90
Power dissipation at I_n	W	28	36	42		50
Varying load factor WL	0.95		1.0			
Certification	according to UL 248-13					
Weight approx.	kg	0.55				
Accessories						
Fuse base, 1-pole 3-pole	3NH3 230 3NH4 230					
Fuse puller	3NX1 011					
Fuse switch disconnectors	3NP42, 3NP52					
Switch disconnector with fuses	3KL55 30-1.B00 3KM55 30-1.B00					

Type	3NE3 230-0B	3NE3 231	3NE3 232-0B	3NE3 233	
Operational class (IEC 60269)	aR				
Rated voltage U_n	V AC 1000				
Rated current I_n	A	315	350	400	450
Melting I^2t value I^2t_s ($t_{vs} = 1$ ms)	A^2s	13400	16600	22600	29500
Breaking I^2t value I^2t_A at U_n	A^2s	80000	100000	135000	175000
Temperature rise at I_n (body center)	K	100	120	140	130
Power dissipation at I_n	W	65	75	85	95
Varying load factor WL	0.95		0.9		
Certification	according to UL 248-13				
Weight approx.	kg	0.55			
Accessories					
Fuse base, 1-pole	3NH3 330				
Fuse puller	3NX1 011				
Fuse switch disconnectors	3NP53				
Switch disconnector with fuses	3KL57 30-1.B00 3KM57 30-1.B00				