

Semiconductor Fuses

LV HRC SITOR Fuse Links

Rated voltage 1500 V AC

Technical specifications

Type		3NE5 424	3NE5 426	3NE5 430	3NE5 431	3NE5 433 3NE5 433-1
Operational class (IEC 60269)		aR				
Rated voltage U_n	V AC	1500				
Rated current I_n	A	160	224	315	350	450
Melting I^2t value I^2t_s ($t_{vs} = 1$ ms)	A ² s	7200	18400	41500	57000	116000
Breaking I^2t value I^2t_A at U_n	A ² s	54000	138000	311000	428000	870000
Temperature rise at I_n (body center)	K	75	100	125	150	150
Power dissipation at I_n	W	56	80	115	135	145
Varying load factor WL		1.0				
Weight approx.	kg	1.95				

Type		3NE5 627	3NE5 633	3NE5 643
Operational class (IEC 60269)		aR		
Rated voltage U_n	V AC	1500		
Rated current I_n	A	250	450	600
Melting I^2t value I^2t_s ($t_{vs} = 1$ ms)	A ² s	11200	78500	260000
Breaking I^2t value I^2t_A at U_n	A ² s	84000	590000	1950000
Temperature rise at I_n (body center)	K	170		160
Power dissipation at I_n	W	130	160	145
Varying load factor WL		1.0		
Weight approx.	kg	1.6		