

Semiconductor Fuses

LV HRC SITOR Fuse Links

Rated voltage 500 V AC

Technical specifications

Type		3NC2 423 3NC2 423-3	3NC2 425 3NC2 425-3	3NC2 427 3NC2 427-3	3NC2 428 3NC2 428-3	3NC2 431 3NC2 431-3	3NC2 432 3NC2 432-3
Operational class (IEC 60269)		gR					aR
Rated voltage U_n	V AC	500					
Rated current I_n	A	150 ¹⁾	200 ¹⁾	250 ¹⁾	300 ¹⁾	350 ¹⁾	400 ¹⁾
Melting I^2t value I^2t_s ($t_{vs} = 1$ ms)	A ² s	7000	13600	21000	28000	53000	83000
Breaking I^2t value I^2t_A at U_n	A ² s	33000	64000	99000	132000	249000	390000
Temperature rise at I_n (body center)	K	26	25	30	40	35	30
Power dissipation at I_n	W	35	40	50	65	60	50
Varying load factor WL		0.85					
Weight approx.	kg	0.95					
Accessories							
Fuse base, 1-pole		3NH3 430					
Fuse puller		3NX1 011					
Fuse switch disconnectors		3NP54					
Switch disconnector with fuses		3KL61 30-1.B0					

¹⁾ Cooling air speed 1 m/s. In the case of natural air cooling, reduction of 5 %.