

Semiconductor Fuses

LV HRC SITOR Fuse Links

Rated voltage 660 V AC

Technical specifications

Type		3NC8 423 3NC8 423-3	3NC8 425 3NC8 425-3	3NC8 427 3NC8 427-3	3NC8 431 3NC8 431-3	3NC8 434 3NC8 434-3	3NC8 444-3
Operational class (IEC 60269)		gR					aR
Rated voltage U_n	V AC	660					600
Rated current I_n	A	150 ¹⁾	200 ¹⁾	250	350 ¹⁾	500 ¹⁾	1000 ¹⁾
Melting I^2t value I^2t_s ($t_{vs} = 1$ ms)	A ² s	1100	2400	4400	11000	28000	400000
Breaking I^2t value I^2t_A at U_n	A ² s	17600	38400	70400	176000	448000	2480000
Temperature rise at I_n (body center)	K	33	46	95	65	75	110
Power dissipation at I_n	W	40	55	72	95	130	140
Varying load factor WL		0.85					0.9
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 30-1AB0					–

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