

B1 Disconnecter and Fuse

RT16(NT) Knife Shape Contact Fuse

Selection guide

RT16 Fuse link



Product name	Specification	Type	Rated current	
RT16	00	T	2	
	00: 00 type	T: Fuse link	2:2A	100:100A
	1: 1 type		4:4A	125:125A
	2: 2 type		6:6A	160:160A
	3: 3 type		8:8A	200:200A
	4: 4 type		10:10A	224:224A
			12:12A	250:250A
			16:16A	315:315A
			20:20A	355:355A
			25:25A	400:400A
			32:32A	500:500A
			40:40A	630:630A
			50:50A	800:800A
			63:63A	1000:1000A
			80:80A	1250:1250A



RT16-3B(NT3B) Fuse link

Product name	Specification	Code	Type	Rated current
RT16	3	B	T	800
	3: 3 type	Derivative type	T: Fuse link	800:800A



RT16 Fuse base

Product name	Specification	Type
RT16	00	Z
	00: 00 type (with matched RT16-000, RT16-00 fuse link)	Z: Base
	1: 1 type	
	2: 2 type	
	3: 3 type	
	4: 4 type	



RT16-00/3P Fuse base

Product name	Specification	Type	Number of poles
RT16	00	Z	3
	00:00 type	Z: Base	3:3P

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Ordering information

Product name	Fuse current (A)	Specification (size)	Breaking capacity (kA)	Rated dissipation power (W)	Fuse link current (A)	Reference number
Fuse link RT16-000(NT00C)	100	000	120kA/AC500V 50kA/AC690V 100kA/DC250V	≤12	2	RT16000T2
					4	RT16000T4
					6	RT16000T6
					8	RT16000T8
					10	RT16000T10
					12	RT16000T12
					16	RT16000T16
					20	RT16000T20
					25	RT16000T25
					32	RT16000T32
					40	RT16000T40
					50	RT16000T50
					63	RT16000T63
Fuse link RT16-00(NT00)	160	00	120kA/AC500V 50kA/AC690V 100kA/DC250V	≤12	80	RT16000T80
					100	RT16000T100
					2	RT1600T2
					4	RT1600T4
					6	RT1600T6
					8	RT1600T8
					10	RT1600T10
					12	RT1600T12
					16	RT1600T16
					20	RT1600T20
					25	RT1600T25
					32	RT1600T32
					40	RT1600T40
Fuse link RT16-1(NT1)	250	1	120kA/AC500V 50kA/AC690V 100kA/DC440V	≤32	50	RT1600T50
					63	RT1600T63
					80	RT1600T80
					100	RT1600T100
					125	RT1600T125
					160	RT1600T160
					200	RT1600T200
Fuse link RT16-2(NT2)	400	2	120kA/AC500V 50kA/AC690V 50kA/DC440V	≤45	224	RT1600T224
					250	RT1600T250
					125	RT162T125
					160	RT162T160
					200	RT162T200
					224	RT162T224
					250	RT162T250
Fuse link RT16-3(NT3)	630	3	120kA/AC500V 50kA/AC690V 50kA/DC440V	≤60	315	RT162T315
					355	RT162T355
					400	RT162T400
					500	RT163T500
					630	RT163T630
Fuse link RT16-4(NT4)	1250	4	100kA/AC500V 50kA/DC250V	≤110	800	RT164T800
					1000	RT164T1000
					1250	RT164T1250
Fuse link RT16-3B(NT3B)	800	3	100kA/400V 50kA/690V	≤110	800	RT163BT800



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Product name Base	Base rated current (A)	Specification (size)	Reference number
RT16-00(NT00)	160	00	RT1600Z
RT16-1(NT1)	250	1	RT161Z
RT16-2(NT2)	400	2	RT162Z
RT16-3(NT3)	630	3	RT163Z
RT16-4(NT4)	1250	4	RT164Z
RT16-00/3P	160	00	RT1600Z3

Technical parameters

Type	RT16	
Rated voltage	V	AC500V/ AC690V/ DC250V/ DC440V
Rated current	A	2~1250
Power factor	0.1~0.2	
	The variable cross-section melt is made of pure copper strip (wire), and the arc extinguishing medium is quartz sand	
	The two ends of the melt are solidly electrically connected with the end plate (or connecting plate) by spot welding	
Certification standards	IEC 60269-2 GB/T 13539.2	
Authentication certification	CCC	

Outline and Installation Dimensions (mm)

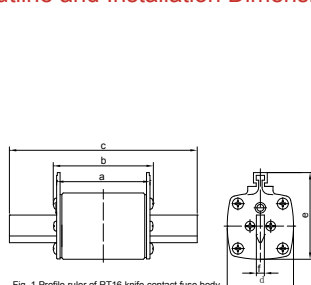


Fig. 1 Profile ruler of RT16 knife contact fuse body

Table 1 Shape of RT16 knife contact fuse body

Model	a	b	c	d	e	f
RT16-000	49	54	78.5	21	52	6
RT16-00	49	54	78.5	29	57	6
RT16-1	67	72	136	48	62	6
RT16-2	67	72	150	59	73	6
RT16-3	67	72	150	67	85	6
RT16-4	67	87	200	85	114	8

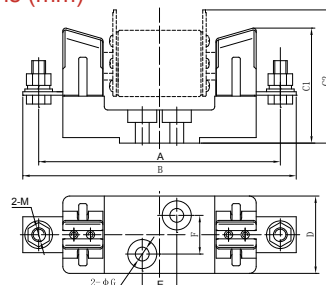
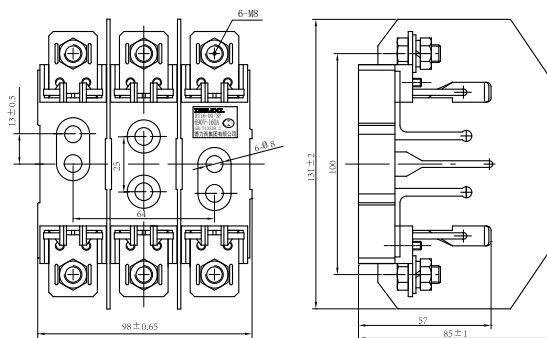


Fig. 2 Outline and installation dimensions of the base of RT16 knife contact fuse

Table 2 Outline and installation dimensions of the base of RT16 knife contact fuse

Model	A	B	C1	C2	D	E	F	G	M
RT16-00	102	122	60	82	30	25	—	8	M8
RT16-1	175	198	83	96	56	25	28	11	M10
RT16-2	200	225	99	116	61	25	28	11	M10
RT16-3	214	254	104	125	61	25	28	11	M12
RT16-4	260	300	145	170	93	30	44	13	M16

Note: The outline dimensions of the RT16-3B fuse link are consistent with those of RT16-3 fuse.



Fuse carrier

It is mainly used for loading, unloading and replacing RT16 (NT) fuse in circuits with rated voltage up to 1000V.

