

RT16 Series Low voltage Fuses

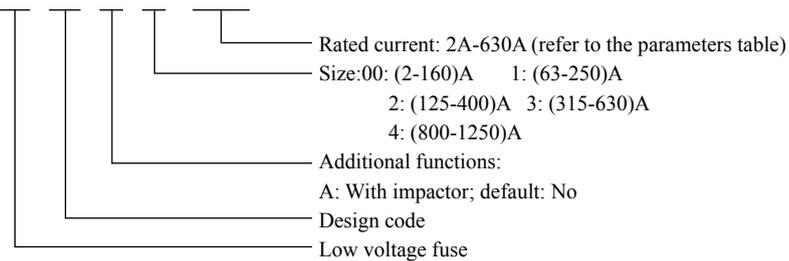
1 Product overview

RT16 series low voltage fuses has the advantages of small size, light weight, low power consumption and high breaking capacity, and is used in AC power distribution device with rated frequency 50Hz, rated voltage up to C500V/AC690V and below, and with rated current up to 1250A for overload and short-circuit protection. Also, the product with an “impactor” function is selected and used in the electrical devices such as power distribution device for signal output in case of product fusing.

Standards: IEC60269-2.

2 Type designation

RT 16 - A 1 / 100A



3 Product parameters

Model	Similar models at home and abroad	Rated current (A)	Rated voltage (V)	Rated power dissipation (W)	Rated breaking capacity (W)
RT16-00	RT36-00 NT00	2	500/690	1.3	120/50
		4		1.5	
		6		1.6	
		8		1.7	
		10		1.8	
		16		2.1	
		20		2.5	
		25		3.1	
		32		3.6	
		40		4.0	
		50		5.3	
		63		6.2	
		80		6.9	
		100		10.0	
RT16-1	RT16-1 NT1	80	500/690	8.4	120/50
		100		12.3	
		125		13.7	
		160		16.6	
		200		21.2	
RT16-2	RT16-2 NT2	250	500/690	23.0	120/50
		125		21.7	
		160		23.1	
		200		26.8	
		224		29.1	
		250		31.2	
		315		32.5	
RT16-3	RT36-3 NT3	350	500/690	33.6	120/50
		400		34.0	
		315		34.5	
		400		38.0	
RT16-4	RT36-4 NT4	500	500/690	45.3	120/50
		630		48.0	
		800		75.3	
		800		75.3	
RT16-4	RT36-4 NT4	1000	500/690	91.5	120/50
		1250		110	
		1250		110	

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4 Normal working conditions and installation conditions

4.1 Ambient temperature: Not greater than 40 °C ; the average measured within 24h does not exceed 35 °C , and measured within one year is below this value. The minimum value of ambient air temperature is +5 °C .

4.2 Altitude: Not exceed 2000m.

4.3 Atmospheric conditions: The air is clean, and its relevant humidity does not exceed 50% at the maximum temperature 40 °C ; a higher relevant humidity is allowed at the lower temperature. For example, the relevant humidity can reach 90% at 20 °C ; the middle condensation may occur occasionally due to the temperature changes under those conditions.

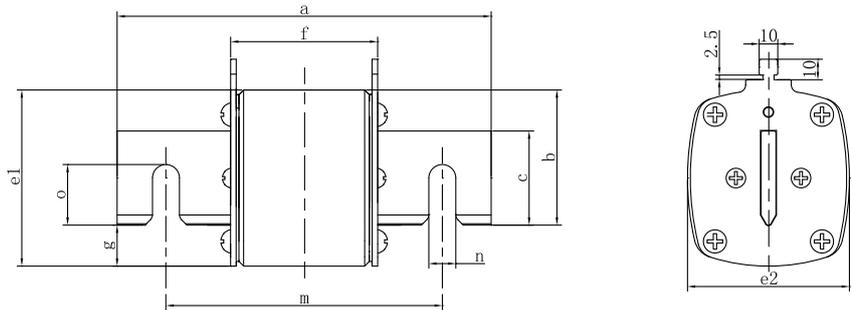
4.4 Pollution level: 3.

4.5 Installation category: Class III.

4.6 If the use conditions are different from the above, please contact the manufacturer.

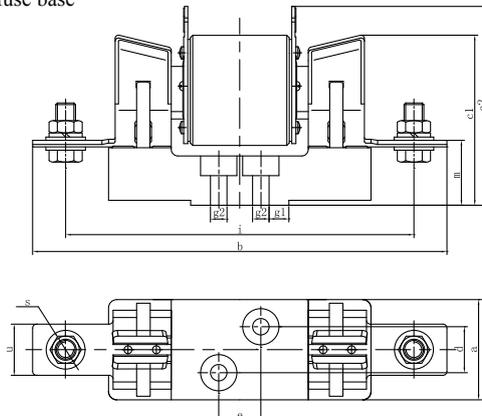
5 Outline and installation dimensions

5.1 Fuse dimensions



Size	RT16-00	RT16-1	RT16-2	RT16-3	RT16-4
a	78.5	135	150	150	200
b	35	40	48	60	83
c	15	21	27	33	50
e1	45	48	58	67	96
e2	29	48	58	67	88
f	49	68	68	68	88
g	10	12	13	14	20
m	-	-	-	-	150
n	-	-	-	-	16
o	-	-	-	-	32

5.2 Outline dimensions of fuse base

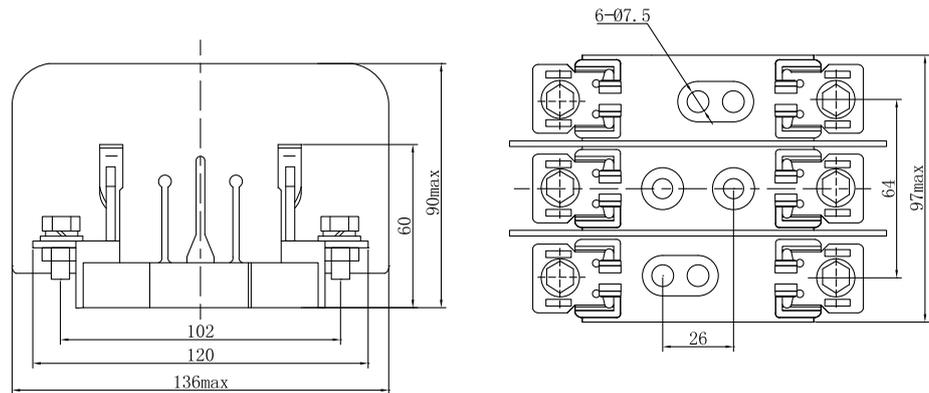


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Size	RT16-00	RT16-0	RT16-1	RT16-2	RT16-3	RT16-4
a	30	30	58	64	64	88
b	120	170	200	225	250	304
c1	60	73	82	98	105	145
c2	85	93	96	112	120	165
d	0	0	30	30	30	45
e	25	25	25	25	25	30
g1	8	16	15	17	17	4
g2	7.5	7.5	10.5	10.5	10.5	13
i	100	150	175	200	210	260
m	25	38	38	40	40.5	47.5
s	M8	M8	M10	M12	M12	M16
u	25	25	25	30	40	45



4.3 RT16-00 series 3P base installation dimensions



(RT16-00 3P base)

5 Order information

5.1 Please specify the following items when ordering:

5.1.1 Specify the product mode, rated current, and quantity of fuse.

5.1.2 Specify the model, specification, seat, and order quantity of seat.

5.2 Order example:

For RT16-00/100A, 100 sets, indicate 100 RT16-00 fuses with rated current of AC 100A are ordered.

For RT16-00 (base), 100 pcs, indicate 100 pieces of RT16-00 AC fuse base are ordered.