

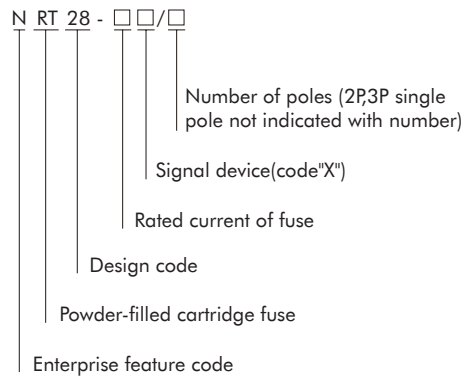


NRT28 Series Cylindrical Cap Fuse Holder

1. Application scope

NRT28 series cylindrical cap fuse applies to power distribution system with AC 45Hz-62Hz, rated voltage of 500V, and rated current of 125A, to protect overload and short circuit (it is not recommended but RT36 fuse in capacitor box). Neon light and resistance comprise the fuse base's fuse-link fuse signal device (code "X"). NRT28 series holder can be used in combination with RT28-32, RT28-63, and RT29-125 "gG" fuse links, "gG" is the general-purpose fuse link with full-range breaking capacity. Standard: IEC 60269-2.

2. Model and meaning



3. Normal operating conditions and installation conditions

3.1 Ambient temperature: The ambient temperature does not exceed 40°C , of which average value measured over 24h does not exceed 35°C , and average value measured over one year is lower than this value; the lowest value of the ambient air temperature is -5°C .

3.2 Atmospheric conditions: The air is clean, with relative humidity not exceeding 50% when the maximum temperature is 40°C. Higher relative humidity is possible when the temperature is lower. For example, at 20°C, the relative humidity can attain 90%. Measures are taken against condensation on the product body due to temperature variation.

3.3 Class of pollution: Class III

3.4 Installation category: Class III

3.5 Installation conditions: The fuse should be installed in places free of significant shaking and shock vibration.

3.6 Altitude: See the table below for correction coefficients of operating current at different altitudes:

Altitude	≤2000m	2000m~3000m	≤3000m	Example
Current correction factor	1	0.9	0.8	Product with rated current of 10A at altitude of 2500m The rated current after derating is 0.9X10=9A

3.7 If the operating conditions of fuse are different from those in the above table, please consult with the manufacturer.

4. Normal operating and installation conditions

4.1 Parameter of fuse holder

Model	Rated voltage(V)	Nominal current(A)	Number of poles	Dimension									
				A	C	D	E	F	G	K	H	I	J
NRT28-32(X)	500	32	1P	64max	82max	18max	/	/	10.3±0.1	38±0.6	44	47	/
	500	32	2P	64max	82max	/	37max	/	10.3±0.1	38±0.6	44	47	/
	500	32	3P	64max	82max	/	/	55.5max	10.3±0.1	38±0.6	44	47	/
NRT28-63	500	63	1P	77max	112max	27max	/	/	14.3±0.1	51 ^{+0.6} _{-1.0}	51	83	38
	500	63	2P	77max	112max	/	54max	/	14.3±0.1	51 ^{+0.6} _{-1.0}	51	83	38
	500	63	3P	77max	112max	/	/	81max	14.3±0.1	51 ^{+0.6} _{-1.0}	51	83	38
NRT28-125	500	125	1P	77max	128max	36max	/	/	22.2±0.1	58 ^{+0.1} _{-2.0}	51	95	40
	500	125	2P	77max	128max	/	72max	/	22.2±0.1	58 ^{+0.1} _{-2.0}	51	95	40

4.2 Parameter of fuse link

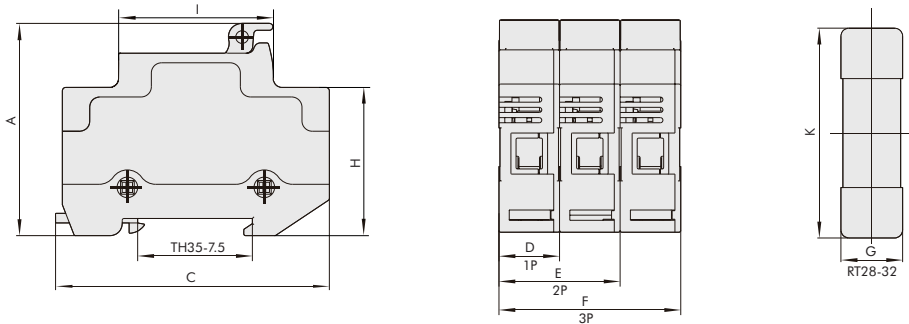
Model	Similar products at home and abroad	Size (GxK)	Rated voltage(V)	Nominal current(A)	Dissipation power(W)	Breaking capacity(kA)
RT28-32	RT18-32,RT14-20,RT19-32,R015	10×38	500	2,4,6,10,16,20,25,32	≤3	100
RT28-63	RT18-63,RT14-32,RT19-63,R016	14×51	500	2,4,6,10,16,20,25,32,40,50,63	≤5	100
RT29-125	RT14-63,RT29-125,R017	22×58	500	10,16,20,25,32,40,50,63,80,100,125	≤9.5	100

4.3 Parameter of fuse holder and fuse link

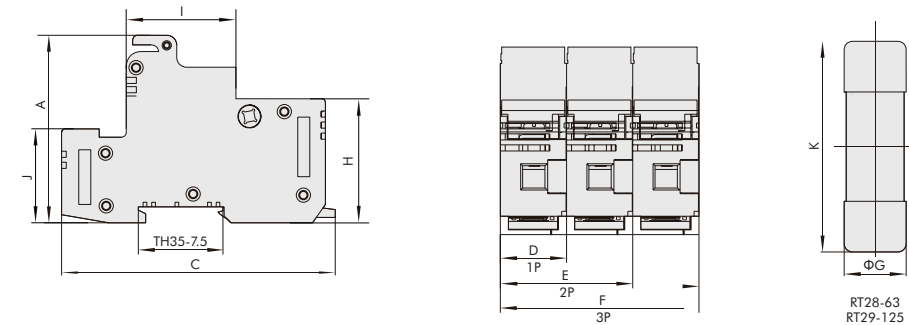
Model of holder	Equipped fuse link		
	Size(mm)	Model of fuse link	Current(A)
NRT28-32(X)	10×38	RT28-32,R015	2,4,6,10,16,20,25,32
NRT28-63	14×51	RT28-63,R016	2,4,6,10,16,20,25,32,40,50,63
NRT28-125	22×58	RT29-125,R017	10,16,20,25,32,40,50,63,80,100,125

5. Overall and mounting dimensions

NRT28-32



NRT28-63、NRT28-125



6. Ordering Information

6.1 Must be specified when ordering

6.1.1 Fuse must be specified the product model、rated current、 quantity

6.1.2 Base must be specified the specification、 specify the base, the number of poles、 order amount

6.2 Order example

When order 100 RT28-32 20A fuses only can be written RT28-32/20A、 100;

When order 100 3 poles of NRT28-32 bases only can be written NRT28-32/3P(Base)、 100.