



NRT28 Series Cylindrical Cap Fuse Holder

1. Application scope

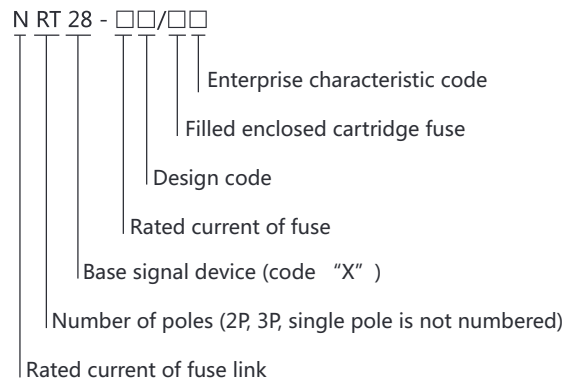
NRT28 series cylindrical cap fuse applies to power distribution system with AC 50Hz, rated voltage of 500V, and rated current of 125A, to protect overload and short circuit (it is not recommended but RT36 fuse in capacitor box).

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 and installation conditions

3.1 Parameter of fuse holder

Model	Rated voltage (V)	Nominal current (A)	Number of poles	Dimension								Weight (Kg)
				A	B	C	D	E	F	G	K	
NRT28-32(X)	500	32	1P	62.5±0.5	78.5±0.5	80±0.8	28	/ -10	15	10.3±0.1	38±0.6	0.06
	500	32	2P	62.5±0.5	78.5±0.5	80±0.8	/	36	/	10.3±0.1	38±0.6	0.12
	500	32	3P	62.5±0.5	78.5±0.5	80±0.8	/	/	54	10.3±0.1	38±0.6	0.18
NRT28-63	500	63	1P	77±1.5	108±1.0	112±1.8	27±0.5	/	/	14.3±0.1	51 ^{+0.6} _{-1.0}	0.15
	500	63	2P	77±1.5	108±1.0	112±1.8	/	54±1.0	/	14.3±0.1	51 ^{+0.6} _{-1.0}	0.30
	500	63	3P	77±1.5	108±1.0	112±1.8	/	/	81±1.5	14.3±0.1	51 ^{+0.6} _{-1.0}	0.45
NRT28-125	500	125	1P	77±1.5	126±1.0	128±1.8	35±0.5	/	/	22.2±0.1	58 ^{+0.1} _{-2.0}	0.20
	500	125	2P	77±1.5	126±1.0	128±1.8	/	70±1.0	/	22.2±0.1	58 ^{+0.1} _{-2.0}	0.40
	500	125	3P	77±1.5	126±1.0	128±1.8	/	/	105±1.5	22.2±0.1	58 ^{+0.1} _{-2.0}	0.60

3.2 Parameter of fuse link

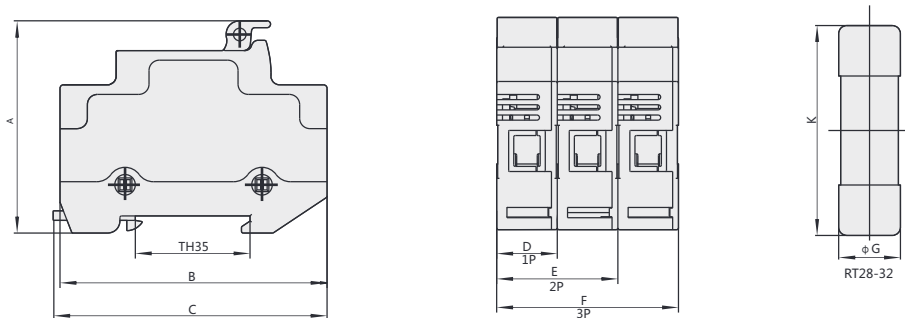
Model	Similar products at home and abroad	Size (G×K)	Rated voltage (V)	Nominal current (A)	Dissipation power (W)	Breaking capacity (kA)	Weight (Kg)
RT28-32	RT18-32,RT14-20,RT19-32,R015	10×38	500	2,4,6,10,16,20,25,32	≤3	100	0.009
RT28-63	RT18-63,RT14-32,RT19-63,R016	14×51	500	2,4,6,10,16,20,25,32,40,50,63	≤5	100	0.022
RT29-125	RT14-63,RT29-125,R017	22×58	500	10,16,20,25,32,40,50,63,80,100,125	≤9.5	100	0.06

3.3 Parameter of fuse holder and fuse link

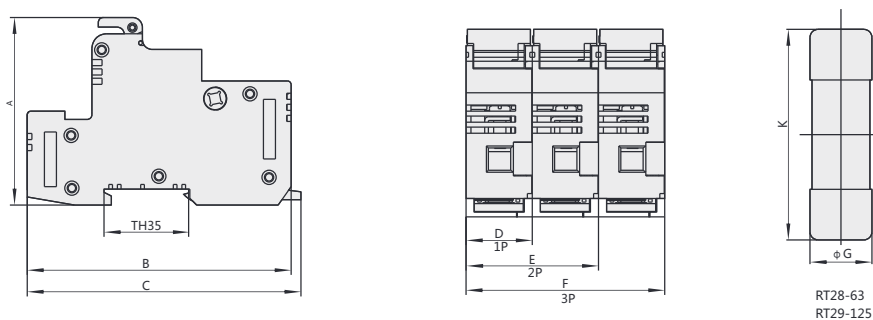
Model of holder	Equipped fuse link		
	Size (mm)	Model of fuse link	Current (A)
NRT28-32(X)	10×38	RT28-32,R015	2,4,6,10,16,20,25,32
NRT28-63	14×51	RT28-63,R016	2,4,6,10,16,20,25,32,40,50,63
NRT28-125	22×58	RT29-125,R017	10,16,20,25,32,40,50,63, 80,100,125

4. Overall and mounting dimensions

NRT28-32



NRT28-63, NRT28-125



5. Ordering Information

5.1 Must be specified when ordering

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

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

5.2 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.



RT28 Cylindrical Contact Caps Fuse Protector

1. General

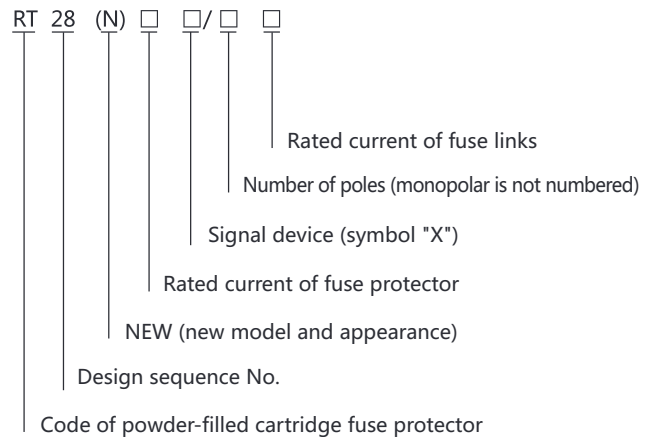
RT28 Cylindrical contact caps fuse protector is applicable to the distribution equipment with AC 50Hz, rated voltage of 500V and rated current not more than 63A for circuit overload and short-circuit protection (RT36-00 fuse protector is recommended to be used in capacitor box instead of this kind of fuse protector).

Neon light and resistors constitute fusing signal device of fuse link of fuse protector pedestal (symbol "X").

RT28-32 and RT28-63 fuse link is divided into "gG" type; "gG" is ordinary fuse protector with full range of breaking capacity.

This product conforms to GB/T 13539.2 and IEC 60269-2 standards; its technical indicators have reached international advanced level. "gG" fuse links can match RT28 or RT29 pedestal. This product complies with GB/T 13539.2 and IEC 60269-2.

2. Type designation



3. Technical data

3.1 Parameters of fuse protector supporter (pedestal)

Model	Rated voltage(V)	Rated current(A)	Number of poles	Size							Weight (kg)
				A	B	D	E	F	G	K	
RT28N-32	500	32	1P	79±1.5	74±1.5	55±1.0	60±1.5	17.5±0.5	10.3±0.1	38±0.6	0.075
	500	32	2P	79±1.5	74±1.5	55±1.0	60±1.5	35±1.0	10.3±0.1	38±0.6	0.16
	500	32	3P	79±1.5	74±1.5	55±1.0	60±1.5	52.5±1.5	10.3±0.1	38±0.6	0.24
RT28N-32X	500	32	1P	79±1.5	74±1.5	55±1.0	60±1.5	17.5±0.5	10.3±0.1	38±0.6	0.075
	500	32	2P	79±1.5	74±1.5	55±1.0	60±1.5	35±1.0	10.3±0.1	38±0.6	0.16
	500	32	3P	79±1.5	74±1.5	55±1.0	60±1.5	52.5±1.5	10.3±0.1	38±0.6	0.24
RT28-63	500	63	1P	102±2.0	100±1.2	72±1.0	80±2.0	26.5±0.5	14.3±0.1	51 ^{+0.6} _{-1.0}	0.18
	500	63	2P	102±2.0	100±1.2	72±1.0	80±2.0	53±1	14.3±0.1	51 ^{+0.6} _{-1.0}	0.36
	500	63	3P	102±2.0	100±1.2	72±1.0	80±2.0	79.5±1.5	14.3±0.1	51 ^{+0.6} _{-1.0}	0.54
RT28-63X	500	63	1P	102±2.0	100±1.2	72±1.0	80±2.0	26.5±0.5	14.3±0.1	51 ^{+0.6} _{-1.0}	0.18
	500	63	2P	102±2.0	100±1.2	72±1.0	80±2.0	53±1	14.3±0.1	51 ^{+0.6} _{-1.0}	0.36
	500	63	3P	102±2.0	100±1.2	72±1.0	80±2.0	79.5±1.5	14.3±0.1	51 ^{+0.6} _{-1.0}	0.54

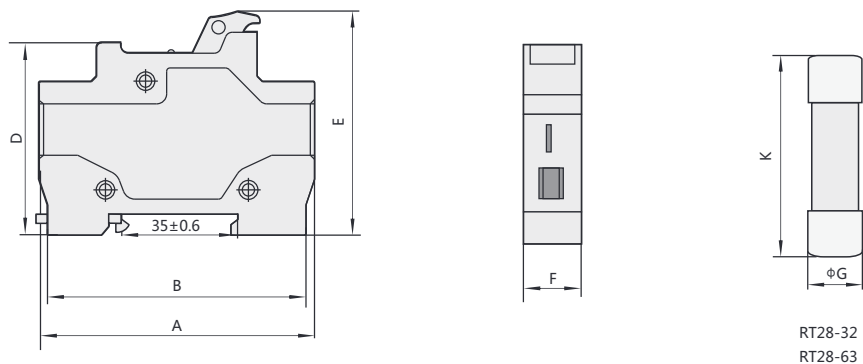
3.2 Parameters of fuse links

Model	Similar models at home and abroad	Size (G×K)	Rated voltage(V)	Rated current(A)	Dissipation power(W)	Breaking capacity(kA)	Weight (kg)
RT28-32	RT18-32, RT14-20, RT19-32, R015	10×38	500	2, 4, 6, 10, 16, 20, 25, 32	≤3	100	0.009
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	0.022

3.3 Configuration parameters of fuse protector supporter (pedestal) and fuse links

Fuse protector pedestal Model	Supporting fuse protector		
	Size(mm)	Model of fuse links	Current(A)
RT28N-32 RT28N-32X NRT28-32X NRT28-32	10×38	RT28-32, R015	2, 4, 6, 10, 16, 20, 25, 32
RT28-63 RT28-63X 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

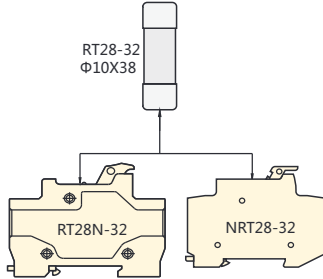
4. Overall and mounting dimensions



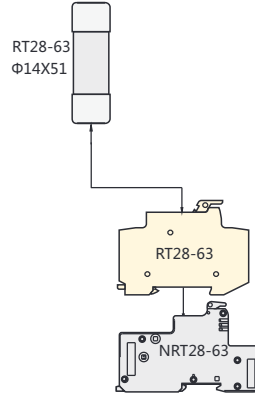
5. Schematic diagram

Matched schematic diagram of fuse protector supporter (pedestal) and fuse links

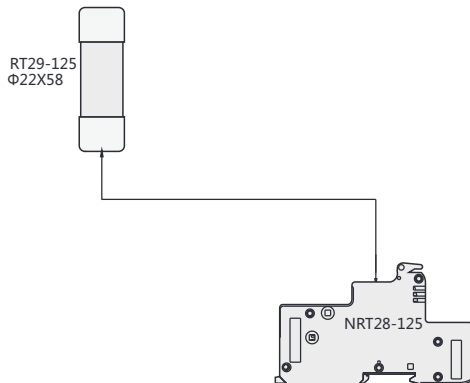
Matched schematic diagram of fuse protector supporter (pedestal) and fuse links with size of 10×38



Matched schematic diagram of fuse protector supporter (pedestal) and fuse links with size of 14×51



Matched schematic diagram of fuse protector supporter (pedestal) and fuse links with size of 22×58



6. Ordering information

6.1 It needs to notify the following when ordering:

6.1.1 Fuse link shall be marked with product model, rated current and quantity.

6.1.2 Pedestal shall be marked with type, specification, pedestal mark, number of pole and quantity.

6.2 Ordering example

100 RT28-32 20A fuse links can be expressed as

100 RT28-32/20A fuse links.

100 NRT28-32 pedestal of three poles can be

expressed as 100 NRT28-32/ 3P pedestals.