

Cylindrical fuse links 圆筒帽形熔断体

REV. 1

► Applications

Protection against overload and short circuit in electric lines (type gG), also available for protection of semiconductor parts and equipments against short-circuit (type aR) and protection of motors (type aM).

Rated voltage up to 660V; Rated current up to 125A; Working frequency 50Hz AC; Rated breaking capacity up to 100KA. Compliant with GB 13539 and IEC269.

本系列熔断体适用于交流50Hz、额定电压至600V、额定电流至125A，主要作为电气线路的过载和短路保护(gG)；还可派生为半导体器件及其成套装置的短路保护(aR)以及电动机短路保护(aM)。

本系列熔断体的额定分断能力至100KA。

本系列熔断体符合国家标准GB13539和国际电工委标准IEC269。



► design features

Variable cross-section fuse element made from pure metal sealed in cartridge made from high-duty ceramic or epoxy glass. Fuse tube filled with chemically treated high-purity quartz sand as arc-extinguishing medium. Dot-welding of fuse element ends to the caps ensures reliable electric connection. Striker may be attached to the fuse link to provide immediate activation of microswitch to give various signals or cut the circuit automatically.

Special fuse as per Figure 1.2~1.4 can be supplied according to customers requirements.

由纯铜/银片(或丝)制成的变截面熔体封装于由高强度瓷或环氧玻璃布管制成的熔管内，熔管中充满经化学处理过的高纯度石英砂作为灭弧介质；熔体二端采用点焊与端帽牢固电连接。熔断体可带有撞击器，当熔体熔断时，撞击器立即动作，推动微动开关，发出各种信号或自动切换电路。根据用户需要，还可生产图1.2~1.4所示的特殊熔断体。

本系列熔断体呈插入式结构，按尺码可安装于RT14、RT18、RT19以及其它相应尺码的熔断体支持件。

► basic data

The models, dimensions, ratings are shown in Figures 1.1~1.4 and Table 1.

熔断体型号、外形尺寸、额定电压、额定电流见图1.1~1.4及表1。

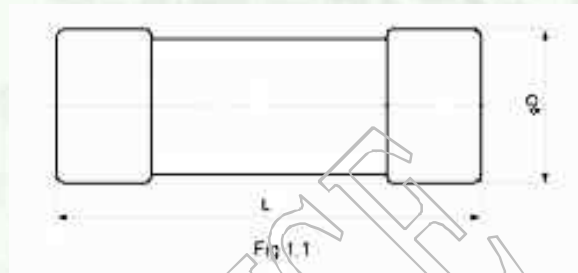


Cat.No.	Models		Cross-reference		Dimensions/sizes (mm)		Rated voltage (V)	Rated current (A)	Weight (g)
	gG(Normal)	aR(Fast)	gG(Normal)	aR(Fast)	Fig.	ΦD×L			
0101	RO06	RS06	-	-	1.1	Φ12.7×29	250/380	1~32	6.5
0102	RO07	RS07	-	-	1.1	Φ30×57	600	10~100	75
0103	RO09	RS09	-	-	1.1	Φ18×37	500	2~63	17.4
0104	RO10	RS10	-	-	1.1	Φ18×50	500	2~63	23.5
0105	RO11	RS11	AJT JKSLPJ	ACL	1.1	Φ21×58	600	2~32	51.5
0106	RO12	RS12	AJT JKSLPJ	ACL	1.1	Φ27×60	600	35~100	90
0107	RO13	RS13	-	-	1.1	Φ15×50	500	2~40	23.2
0108	RO14	RS14	RT19-16 gF1	-	1.1	Φ8.5×31.5	500	0.5~20	4.4
0109	RO14A	RS14A	-	-	1.1	Φ8.5×23	250	0.5~20	3.5
0110	RO14B	RS14B	-	-	1.1	Φ8.5×36	380/500	0.5~20	5.0
0111	RO15	RS15	RT14-20 gF2 RT18-32 RT19-25	KTK KLM	1.1	Φ10.3×38	380/500	0.5~32	7.7
0112	RO15A	RS15A	-	-	1.1	Φ10.3×25.8	250	0.5~16	4.8
0113	RO15B	RS15B	-	-	1.1	Φ10.3×31.5	250/500	0.5~25	5.8
0114	RO15C	RS15C	-	-	1.1	Φ10.3×34	380/500	0.5~32	6.2
0115	RO15D	RS15D	-	-	1.1	Φ10.3×57	600	2~32	11
0116	RO16	RS16	RT14-32 gF3 RT18-63 RT19-40	EWP	1.1	Φ14.3×51	380/660	2~50	20.5
0117	RO16A	RS16A	-	-	1.1	Φ14.3×38	500	2~50	15.6
0118	RO16B	RS16B	-	-	1.1	Φ14.3×45	500	2~50	18.5
0119	RO16C	RS16C	-	-	1.1	Φ14.3×67	500	2~50	27.5
0120	RO17	RS17	RT14-63 gF4 RT18-125 RT19-100	URE2263	1.1	Φ22.2×58	380/660	10~125	58
0121	RO18	RS18	-	-	1.1	Φ9.6×30	380	0.5~25	4.8
0122	RO19	RS19	FRS TRS FLSR	-	1.1	Φ20.5×127	600	0.5~32	91.2
0123	RO19A	RS19A	FLNR PC2	-	1.1	Φ20.5×76	250/500	0.5~63	63
0124	RO19B	RS19B	-	-	1.1	Φ20.5×114	600	0.5~32	85
0125	RO19C	RS19C	FRS TRS FLSR	-	1.1	Φ27×139	600	32~63	172.4
0126	RO19D	RS19D	-	-	1.1	Φ27×147	600	32~63	160
0127	RO54	RS54	-	-	1.1	Φ5×20	250	0.5~16	1
0128	RO55	RS55	-	-	1.1	Φ5×25	250	0.5~16	1.3
0129	RO56	RS56	-	-	1.1	Φ6×20	250	0.5~16	1.7
0130	RO57	RS57	-	-	1.1	Φ6.3×25	250	0.5~16	2.1
0131	RO58	RS58	-	-	1.1	Φ6.3×31.5	250/500	0.5~16	2.5

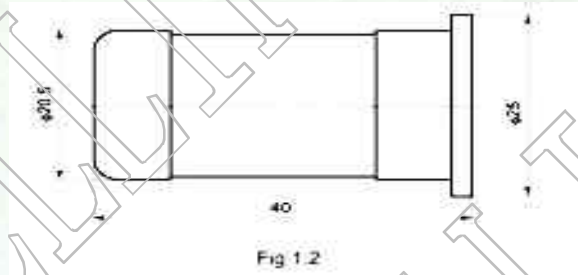
table 1



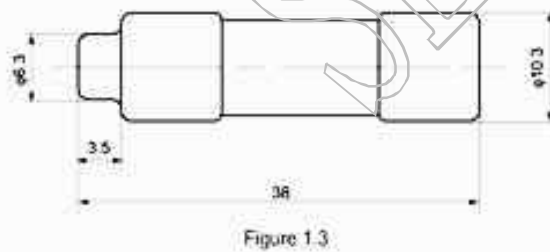
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Cat. No.	Models		Cross-reference		Dimensions/sizes (mm)		Rated voltage (V)	Rated current (A)	Weight (g)
	gG(Normal)	aR(Fast)	gG(Normal)	aR(Fast)	Fig.	$\Phi D \times L$			
0132	RO08	RS08	-	JJS	1.2	$\Phi 20.5 \times 40$	600	2~63	40



Cat. No.	Models		Cross-reference		Dimensions/sizes (mm)		Rated voltage (V)	Rated current (A)	Weight (g)
	gG(Normal)	aR(Fast)	gG(Normal)	aR(Fast)	Fig.	$\Phi D \times L$			
0133	RO15T	RS15T	ATQR	KTK KLKR	1.3	$\Phi 10.3 \times 38$	380/600	0.5~32	7.5



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Cat. No.	Models		Cross-reference		Dimensions/sizes (mm)		Rated voltage (V)	Rated current (A)	Weight (g)
	gG(Normal)	aR(Fast)	gG(Normal)	aR(Fast)	Fig.	$\Phi D \times L$			
0134	RO16H	RS16H	FRH-R	-	1.4	$\Phi 14.3 \times 51$	250	2~50	25
0135	RO17H	RS17H	-	-	1.4	$\Phi 22.2 \times 58$	380/500	10~125	52
0136	RO19H	RS19H	FRS-R	-	1.4	$\Phi 20.5 \times 127$	600	0.5~63	82
0137	RO19AH	RS19AH	FLNR	-	1.4	$\Phi 20.5 \times 76$	600	0.5~63	60
0138	RO19BH	RS19BH	-	-	1.4	$\Phi 20.5 \times 114$	600	0.5~63	72
0139	RO19CH	RS19CH	FRS-R	-	1.4	$\Phi 27 \times 139$	600	32~63	148
0140	RO19DH	RS19DH	-	-	1.4	$\Phi 27 \times 147$	600	32~63	172

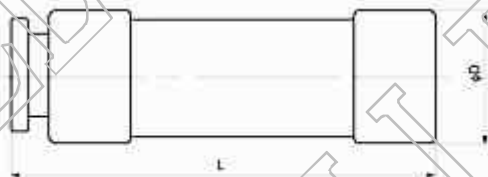


Figure 1.4



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characteristics curve

