

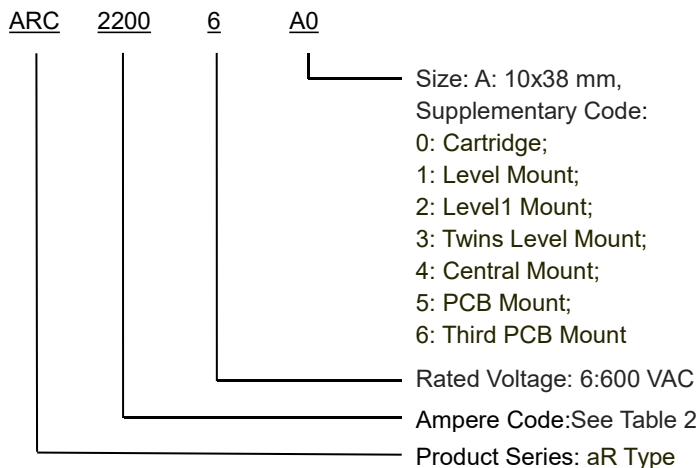
ARC 10x38 mm Fuse



FEATURES

- Fast acting (aR) fuses are used for the protection of cables against short-circuits, especially for protection of motors.
- General purpose fuse-links for the protection of semiconductor devices.

PART NUMBERING SYSTEM



DESCRIPTION

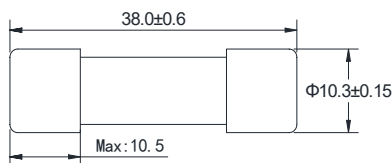
Adler ARC power fuses series are specially engineered and tested to provide excellent protection performance in Industrial and Power Distribution Protection. With currents from 0.5A to 63A with a breaking capacity of 100kA/50kA.

AGENCY INFORMATION

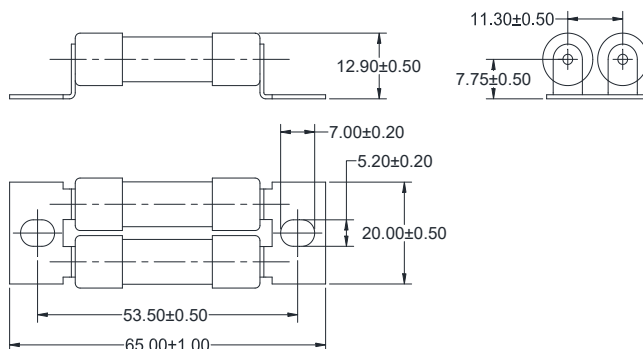
- Ref. to UL 248-13; IEC 60269-4; GBT 13539.4
- Approval: UL (File: E485737)
- Manufactured under IATF 16949 quality system
- RoHS and REACH Compliant

DIMENSIONS (mm)

ARCxxx6A0



ARCxxx6A3



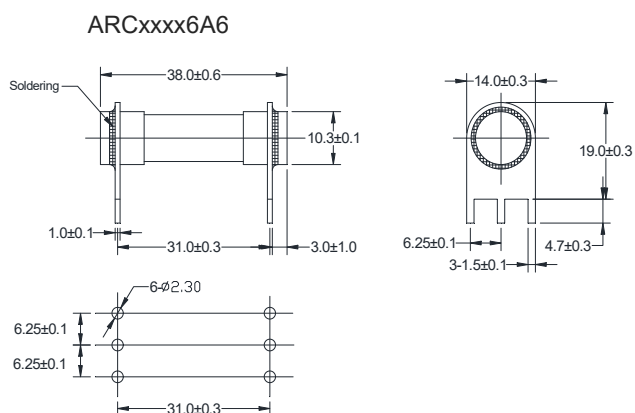
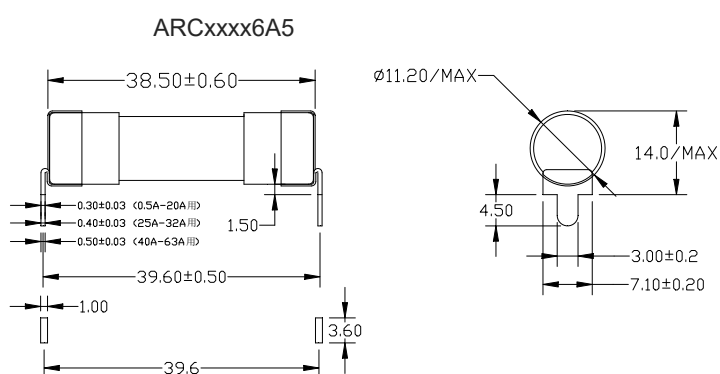
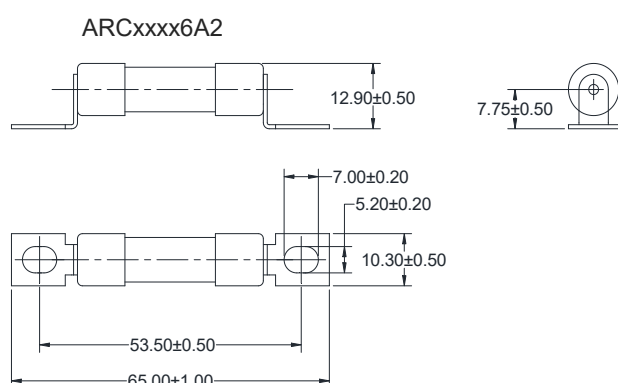
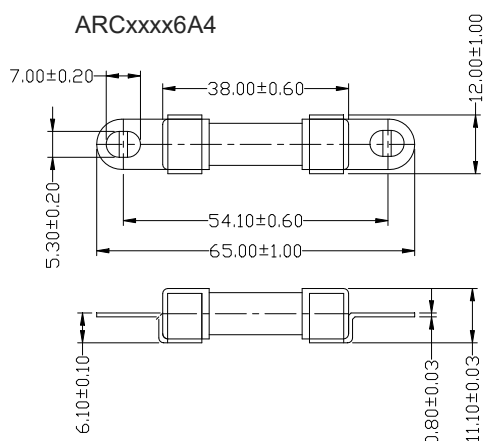
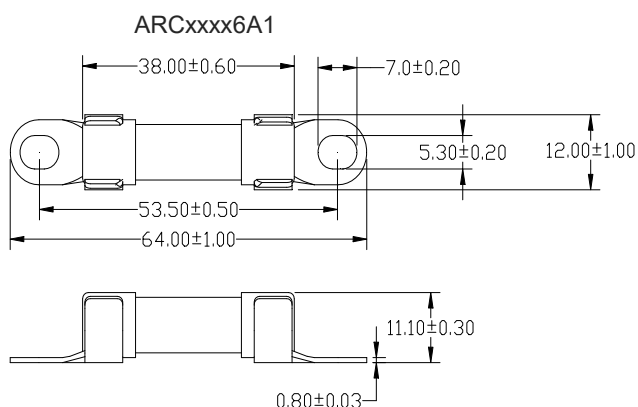


Table1

Packing information

Fuse Size	Box specifications (mm)	Packing quantity / per container	Weight / PCS (g)	Mounting Method	mounting requirements
ARCxxx6A0	410×215×160	1200pcs	10.2±3%	BH100-03(32A)	-
ARCxxx6A1	410×215×160	720pcs	13.7±3%	M5	4.5±1
ARCxxx6A2	410×215×160	864pcs	12.1±3%	M5	4.5±1
ARCxxx6A3	410×215×160	288pcs	17.4±3%	M5	4.5±1
ARCxxx6A4	410×215×160	720pcs	14.7±3%	M5	4.5±1
ARCxxx6A5	410×215×160	1200pcs	11.3±3%	-	-
ARCxxx6A6	410×215×160	432pcs	13.4±3%	-	-

Table2

ELECTRICAL SPECIFICATIONS

Part Number							Rated	Ampere	Rated	Breaking	Certification	
Cartridge	Level	Level1	Twins Level	Central	PCB	PCB1	Current	Code	Voltage	Capacity	cURus	TUV
ARC05006A0	ARC05006A1	ARC05006A2	ARC05006A3	ARC05006A4	ARC05006A5	ARC05006A6	0.5 A	500	600 Vac	100 kA@ 600 Vac	●	●
ARC11006A0	ARC11006A1	ARC11006A2	ARC11006A3	ARC11006A4	ARC11006A5	ARC11006A6	1 A	1100			●	●
ARC12006A0	ARC12006A1	ARC12006A2	ARC12006A3	ARC12006A4	ARC12006A5	ARC12006A6	2 A	1200			●	●
ARC13006A0	ARC13006A1	ARC13006A2	ARC13006A3	ARC13006A4	ARC13006A5	ARC13006A6	3 A	1300			●	●
ARC14006A0	ARC14006A1	ARC14006A2	ARC14006A3	ARC14006A4	ARC14006A5	ARC14006A6	4 A	1400			●	●
ARC15006A0	ARC15006A1	ARC15006A2	ARC15006A3	ARC15006A4	ARC15006A5	ARC15006A6	5 A	1500			●	●
ARC16006A0	ARC16006A1	ARC16006A2	ARC16006A3	ARC16006A4	ARC16006A5	ARC16006A6	6 A	1600			●	●
ARC18006A0	ARC18006A1	ARC18006A2	ARC18006A3	ARC18006A4	ARC18006A5	ARC18006A6	8 A	1800			●	●
ARC21006A0	ARC21006A1	ARC21006A2	ARC21006A3	ARC21006A4	ARC21006A5	ARC21006A6	10 A	2100			●	●
ARC21206A0	ARC21206A1	ARC21206A2	ARC21206A3	ARC21206A4	ARC21206A5	ARC21206A6	12 A	2120			●	●
ARC21606A0	ARC21606A1	ARC21606A2	ARC21606A3	ARC21606A4	ARC21606A5	ARC21606A6	16 A	2160			●	●
ARC22006A0	ARC22006A1	ARC22006A2	ARC22006A3	ARC22006A4	ARC22006A5	ARC22006A6	20 A	2200			●	●
ARC22506A0	ARC22506A1	ARC22506A2	ARC22506A3	ARC22506A4	ARC22506A5	ARC22506A6	25 A	2250			●	●
ARC23206A0	ARC23206A1	ARC23206A2	ARC23206A3	ARC23206A4	ARC23206A5	ARC23206A6	32 A	2320			●	●
ARC24006A0	ARC24006A1	ARC24006A2	ARC24006A3	ARC24006A4	ARC24006A5	ARC24006A6	40 A	2400	600 Vac	50 kA@ 600 Vac	●	●
ARC25006A0	ARC25006A1	ARC25006A2	ARC25006A3	ARC25006A4	ARC25006A5	ARC25006A6	50 A	2500			●	●
ARC26306A0	ARC26306A1	ARC26306A2	ARC26306A3	ARC26306A4	ARC26306A5	ARC26306A6	63 A	2630			●	●

OPERATION CONDITIONS

Where the following conditions apply, fuses complying with this standard are deemed capable of operating satisfactorily without further qualification.

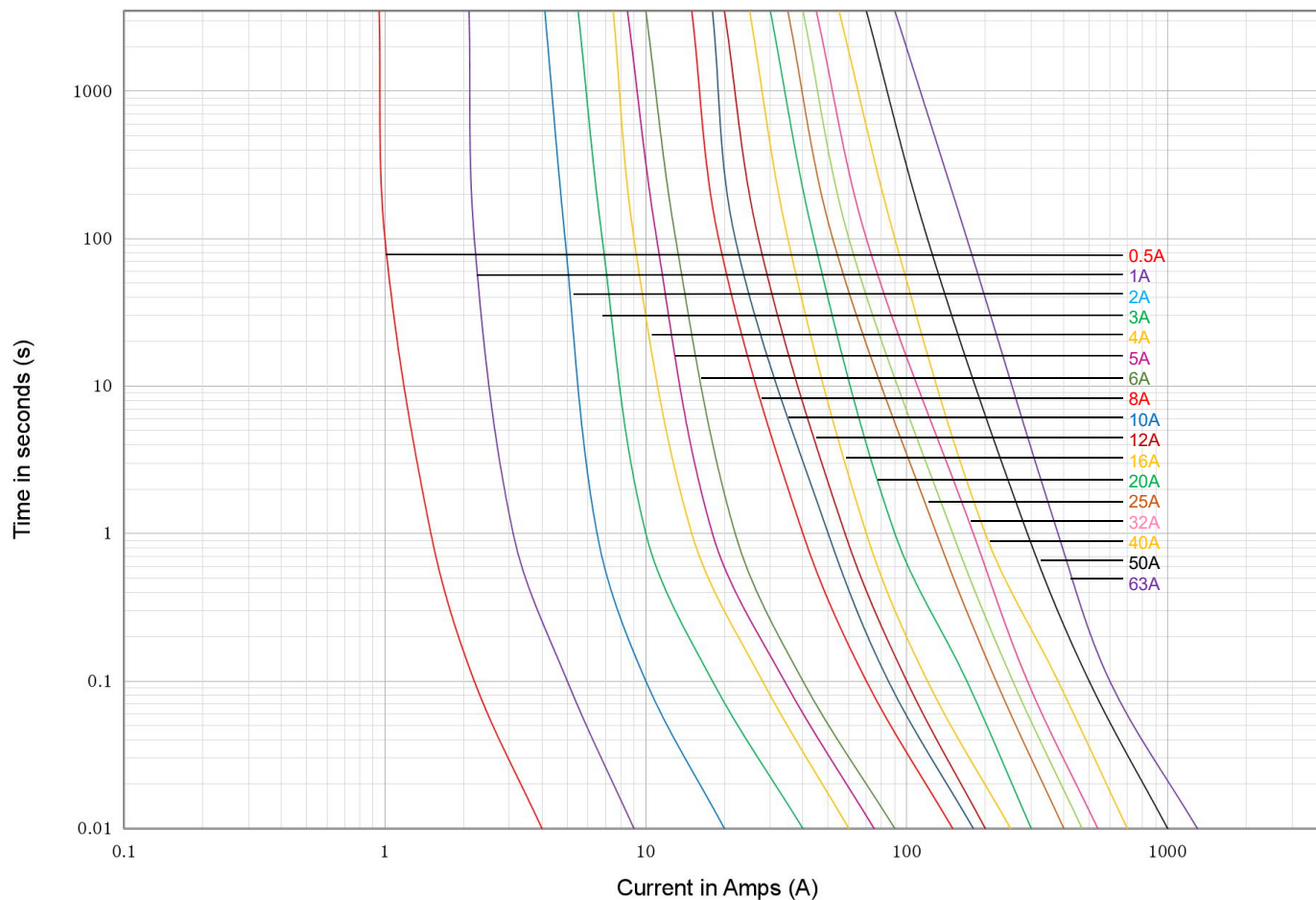
- Installation suggestion: See Table 1.
- Normal temperature: -5°C ~ 40°C, permissible operating temperature: -40°C-120°C.
- The altitude of the site of installation of the fuses should not exceed 2000 m above sea level and permissible altitude site of installation does not exceed 5000m.
- The air should be clean and it's relative humidity does not exceed 50% at the maximum temperature of 40°C.
- Higher relative humidity is permitted at lower temperatures, e.g. 90% at 20°C.
- Under these conditions, moderate condensation may occasionally occur due to variation in temperatures.
- For operating conditions other than above, please contact manufacturer.

STORAGE

During transportation and storage, avoid water seepage and mechanical damage.

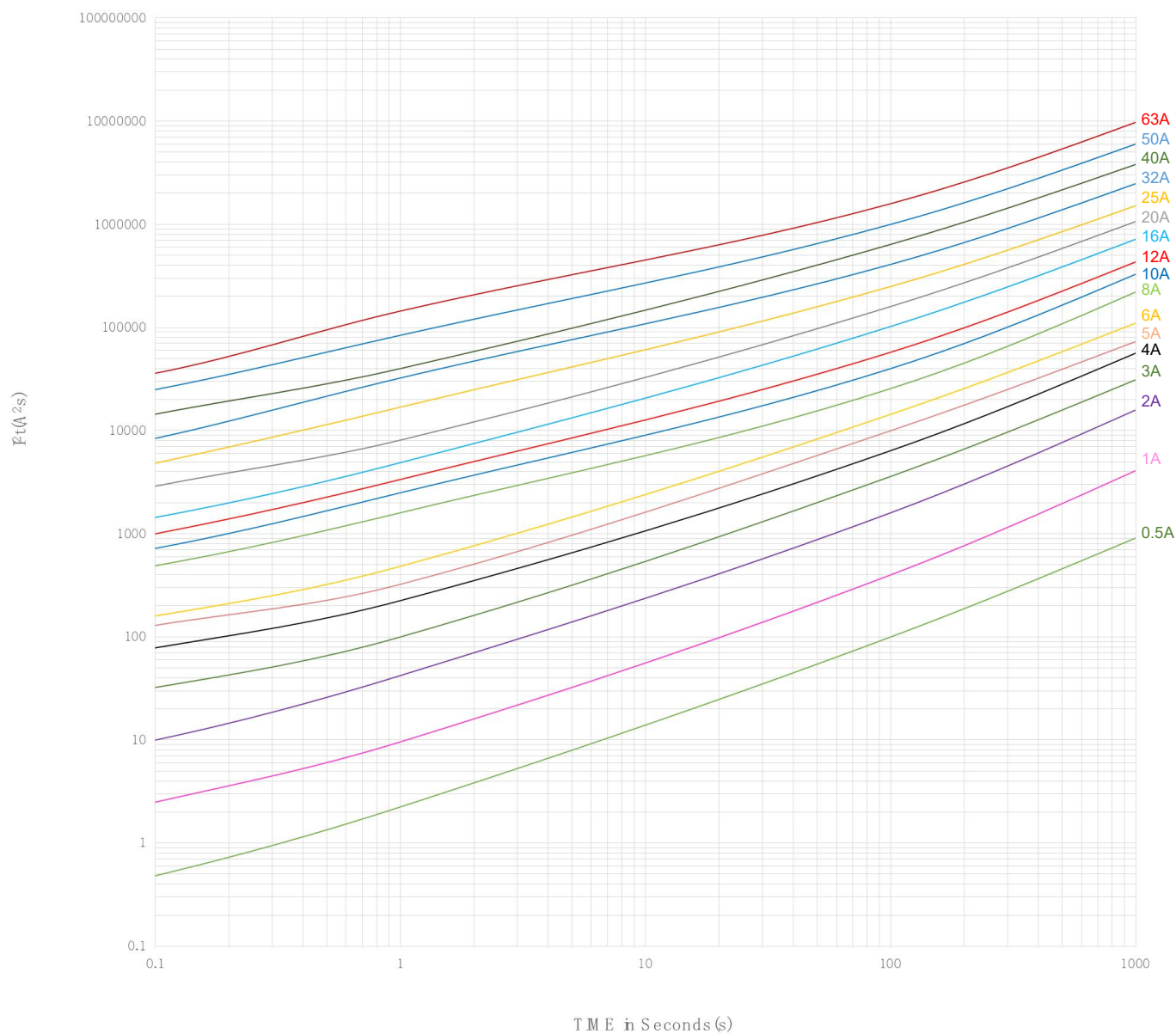
TIME CURRENT CURVE: ARC

aR Average Current Curve(I-T Curve)

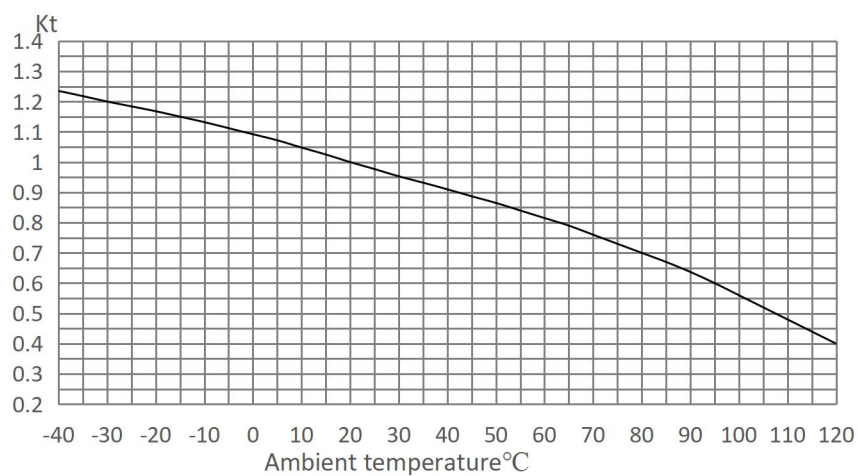


I²T-T CURVE: ARC

aR Average Current Curve (IT Curve)



TEMPERATURE DERATING CURVE



WEB RESOURCES

Download the latest technical documents: www.adlerelectric.com. Specifications are subject to change without notice.