

FUSES



Questions? Answers at...

Western US: 1-866 CED-ELEV
or 1-866-233-3538 • Fax 1-562-427-8429

Eastern US: 1-866-253-2915
or 1-860-256-2211 • Fax 1-860-290-8970

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www.cedelevator.com
for 24 hour order entry,
cross reference data base,
product specifications
with pictures and much more!

Full line catalog available on request

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Catalog Symbol**600 Volts AC**

ATDR-1/2	ATDR-2 1/2	ATDR-7 1/2
ATDR-5/10	ATDR-2 9/10	ATDR-8
ATDR-9/10	ATDR-3	ATDR-9
ATDR-1	ATDR-3 7/10	ATDR-10
ATDR-1 1/8	ATDR-3 1/2	ATDR-12
ATDR-1 1/4	ATDR-4	ATDR-15
ATDR-1 4/10	ATDR-4 1/2	ATDR-20
ATDR-1 1/2	ATDR-5	ATDR-25
ATDR-1 9/10	ATDR-5 9/10	ATDR-30
ATDR-1 9/10	ATDR-6	
ATDR-2	ATDR-6 1/4	
ATDR-2 1/4	ATDR-7	

Catalog Symbol & Current Ratings**600 Volts AC**

ATQR-1/4	ATQR-1 9/10	ATQR-7
ATQR-3/10	ATQR-1 8/10	ATQR-7 1/2
ATQR-4/10	ATQR-2	ATQR-8
ATQR-1/2	ATQR-2 1/4	ATQR-9
ATQR-6/10	ATQR-2 1/2	ATQR-10
ATQR-3/4	ATQR-2 9/10	ATQR-12
ATQR-9/10	ATQR-3	ATQR-15
ATQR-1	ATQR-3 7/10	ATQR-17 1/2
ATQR-1 1/8	ATQR-3 1/20	ATQR-20
ATQR-1 1/4	ATQR-4	ATQR-25
ATQR-1 3/10	ATQR-5	ATQR-30
ATQR-1 4/10	ATQR-6	—
ATQR-1 1/2	ATQR-6 1/4	—

Catalog Symbol & Current Ratings**600 Volts AC**

ATMR-1/10	ATMR-1	ATMR-7
ATMR-1/8	ATMR-1 1/2	ATMR-8
ATMR-2/10	ATMR-2	ATMR-9
ATMR-1/4	ATMR-2 1/2	ATMR-10
ATMR-3/10	ATMR-3	ATMR-12
ATMR-4/10	ATMR-3 1/2	ATMR-15
ATMR-1/2	ATMR-4	ATMR-20
ATMR-6/10	ATMR-5	ATMR-25
ATMR-3/4	ATMR-6	ATMR-30

**ATDR AMP-TRAP 2000®****Time-Delay Current Limiting,
Class CC - Rejection Type****Physical Size:** 1 3/32" x 1 1/2" (10.3mm x 38.1mm)**Ampere Ratings:** 1/4-30 Amps.**Voltage Rating:** 600 Volts AC (or less), 300V DC**Interrupting Rating:** 200,000A; 100,000A DC**Construction:** Fiberglass Tube**Agency Information:** Std. 248-4, Class CC

UL Listed, Guide JDDZ, File E4273

CSA Certified; Class 1422-02, File 53787

**ATQR AMP-TRAP 2000®****Time-Delay Branch Circuit Fuse
Class CC - Rejection Type****Physical Size:** 1 3/32" x 1 1/2" (10.3mm x 38.1mm)**Construction:** Fiberglass Tube**Ampere Ratings:** 1/10-30 Amps.**Voltage Rating:** 600V AC, 300 DC**Interrupting Rating:** 200,000A; 100,000A DC**Agency Information:** Std. 248-4, Class CC

UL Listed, Guide JDDZ, File E3127

CSA Certified, Class 1422-01, File 012636

**ATMR AMP-TRAP 2000®****Fast Acting; Branch Circuit Fuse
Class CC - Rejection Feature****Physical Size:** 1 3/32" x 1 1/2" (10.3mm x 38.1mm)**Construction:** Fiberglass Tube**Ampere Ratings:** 1/10-30 Amps.**Voltage Rating:** 600 Volts AC (or less).**Interrupting Rating:** 200,000A; 100,000A DC**Agency Information:** Std. 248-4, Class CC

UL Listed, Guide JDDZ, File E2137

CSA Certified, Class 1422-02, File 012636

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Western US: 866 CED-ELEV Eastern US: 866-253-2915
 or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970

Midget Fuses

ATM AMP-TRAP®

Fast Acting

Physical Size: 1³/₃₂" x 1¹/₂"
(10.3mm x 38.1mm)

Construction: Melamine Tube;
Nickel Plated Brass Endcaps

Voltage Rating:

ATM – 600V AC/600V DC
2³/₁₀–10A: 500V AC/DC,
12–30A: 500VAC/600VDC

Interrupting Rating:

100,000A
10,000A - RMS SYM. (UL)

Agency Information:

Std. 248-14
UL Listed, Guide JDYX, File E33925
CSA Certified, File 53787, Class 1422-01, HRC-Misc



ATM Catalog Symbol & Current Ratings

600 Volts AC - UL Listed and C.S.A.

ATM-1 ¹ / ₁₀	ATM-3 ³ / ₄	ATM-4	ATM-12
ATM-1 ¹ / ₈	ATM-1	ATM-5	ATM-15
ATM-2 ² / ₁₀	ATM-1 ¹ / ₄	ATM-6	ATM-20
ATM-1 ¹ / ₄	ATM-1 ¹ / ₂	ATM-7	ATM-25
ATM-3 ³ / ₁₀	ATM-2	ATM-7 ¹ / ₂	ATM-30
ATM-4 ⁴ / ₁₀	ATM-2 ¹ / ₂	ATM-8	—
ATM-1 ¹ / ₂	ATM-3	ATM-9	—
ATM-9 ⁹ / ₁₀	ATM-3 ¹ / ₂	ATM-10	—

*500 Volts AC/DC - UL Recognized and C.S.A.

TRM TRI-ONIC®

Time-Delay

Physical Size: 1³/₃₂" x 1¹/₂" (5 AG)
(10.3mm x 38.1mm)

Construction: Fibre Tube

Ampere Ratings: 1¹/₁₀–30 Amps.

Voltage Rating: 250 Volts AC

Interrupting Rating: 10,000A

Agency Information:

Std. 248-14
UL Listed; Guide JDYX; File E33925;
CSA Certified, Class 1422-01;
File 012636



TRM Catalog Symbol & Current Ratings

250 Volts AC

TRM-1 ¹ / ₁₀	TRM-1 ¹ / ₈	TRM-3 ³ / ₁₀	TRM-8
TRM-1 ¹⁵ / ₁₀₀	TRM-1 ¹ / ₄	TRM-3 ¹ / ₂	TRM-9
TRM-2 ² / ₁₀	TRM-1 ¹ / ₂	TRM-4	TRM-10
TRM-1 ¹ / ₄	TRM-1 ¹ / ₂	TRM-4 ¹ / ₂	TRM-12
TRM-3 ³ / ₁₀	TRM-1 ¹ / ₂	TRM-5	TRM-15
TRM-4 ⁴ / ₁₀	TRM-2	TRM-5 ⁵ / ₁₀	TRM-20
TRM-1 ¹ / ₂	TRM-2 ¹ / ₄	TRM-6	TRM-25
TRM-6 ⁶ / ₁₀	TRM-2 ¹ / ₂	TRM-6 ¹ / ₄	TRM-30
TRM-9 ⁹ / ₁₀	TRM-2 ² / ₁₀	TRM-7	—
TRM-1	TRM-3	—	—

ATQ AMP-TRAP®

Time-Delay

Physical Size: 1³/₃₂" x 1¹/₂" (5 AG) (10.3mm x 38.1mm)

Construction: Fibre Tube

Ampere Ratings: 1¹/₁₀–30 Amps.

Voltage Rating: 500V AC or less

Interrupting Rating: 10,000A RMS Sym.

Agency Information:

Std. 248-14
UL Listed, Guide JDYX, File E33925
CSA Certified, Class 1422-01, File 012636



ATQ Catalog Symbol & Current Ratings

500 Volts AC

ATQ-1 ¹ / ₁₀	ATQ-6 ⁶ / ₁₀	ATQ-2	ATQ-5
ATQ-1 ¹ / ₈	ATQ-8 ⁸ / ₁₀	ATQ-2 ¹ / ₄	ATQ-5 ⁵ / ₁₀
ATQ-1 ¹⁵ / ₁₀₀	ATQ-1	ATQ-2 ¹ / ₂	ATQ-6
ATQ-3 ³ / ₁₆	ATQ-1 ¹ / ₈	ATQ-2 ² / ₁₀	ATQ-6 ¹ / ₄
ATQ-2 ² / ₁₀	ATQ-1 ¹ / ₄	ATQ-3	ATQ-7
ATQ-1 ¹ / ₄	ATQ-1 ¹ / ₂	ATQ-3 ³ / ₁₀	ATQ-8
ATQ-3 ³ / ₁₀	ATQ-1 ¹ / ₂	ATQ-3 ¹ / ₂	ATQ-9
ATQ-4 ⁴ / ₁₀	ATQ-1 ¹ / ₁₀	ATQ-4	ATQ-10
ATQ-1 ¹ / ₂	ATQ-1 ¹ / ₁₀	ATQ-4 ¹ / ₂	—

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Western US: 866 CED-ELEV Eastern US: 866-253-2915
or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970


Catalog Symbol & Current Ratings
250 Volts

OTM-1	OTM-4	OTM-8	OTM-20
OTM-2	OTM-5	OTM-10	OTM-25
OTM-3	OTM-6	OTM-15	OTM-30

Catalog Symbol & Current Ratings
600 Volts AC

SBS- $\frac{2}{10}$	SBS-1	SBS-3	SBS-10
SBS- $\frac{4}{10}$	SBS-1 $\frac{1}{2}$	SBS-4	SBS-12
SBS- $\frac{1}{2}$	SBS-1 $\frac{9}{10}$	SBS-5	SBS-15
SBS- $\frac{3}{4}$	SBS-1 $\frac{8}{10}$	SBS-6	SBS-20
SBS- $\frac{9}{10}$	SBS-2	SBS-7	SBS-25
		SBS-8	SBS-30



Midget Fuses

OTM - One-Time

Fast Acting

Physical Size: $1\frac{3}{32}$ " x $1\frac{1}{2}$ " (10.3mm x 38.1mm)

Construction: Fibre Tube; Nickel Plated Brass Endcaps

Voltage Rating: 250V AC ($\frac{3}{10}$ -15A), 125V AC (20-30A)

Interrupting Rating: 10,000A at 125V AC

Agency Information: Std. 248-14

UL 0-15/250V, Guide JDYX, File E33925

CSA Certified, 0-15/250V, Class 1422-01, File 012636

SBS - General Purpose

Fast Acting

Physical Size: $1\frac{3}{32}$ " x $1\frac{3}{8}$ " (10.3mm x 35mm)

Construction: Fibre Cartridge

Voltage Rating: 600V AC

Interrupting Rating: 100,000A

Agency Information: Std. 248-14

UL 0-5/600V, Guide JDYX, File E33925

CSA Certified, 0-5A/600V, Class 1422-01, File 012636

Questions? Answers at...

8.4

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 or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970

TRI-ONIC® SmartSpot® Time-Delay Class RK5 Fuses

When sized properly...

- Provides motor overload, ground fault and short-circuit protection.
- Helps protect motors against burnout from overloads and from single phasing on three phase systems.
- Simplifies and improves blackout prevention (selective coordination).

TR (250V)

Dual Element Time Delay:

10 seconds (minimum) at 500% rated current

Ratings: AC: 1/10-600A, 250VAC, 200kA I.R.

DC: 1/10-2 9/10A & 35 to 400A, 250VDC, 20kA I.R.;
3 to 30A & 450 to 600A, 160VDC, 20kA I.R.

Current Limiting RK5 Fuse

Agency Information:

Std. 248-12, Class RK5
UL Listed, Guide JDDZ, File E2137
CSA Certified, Class 1422-01,
File 012636

TRS (600V)

Dual Element Time Delay:

10 seconds (minimum) at 500%
rated current

Ratings: AC: 1/10-600A, 600VAC, 200kA I.R.

DC: 1/10-12A, 600VDC, 20kA I.R.;
15 to 60A, 300VDC, 20kA I.R.
70 to 600A, 600VDC, 100kA I.R.

Current Limiting RK5 Fuse

Agency Information:

Std. 248-12, Class RK5
UL Listed, Guide JDDZ, File E2137
CSA Certified, Class 1422-02, File 012636



AGD(R)R (600V)

Dual Element Time Delay:

10 seconds (minimum) at 500% rated
current (8 seconds for 0-30A sizes)

Ampere Ratings: 1/10-600 Amps.

Voltage Rating: 600 Volts AC (or less),
300 Volts DC

Current Limiting RK1 Fuse

Interrupting Rating:

AC: 300,000A RMS Sym.
DC: 100,000A

Agency Information:

UL Listed - Special Purpose,*
Guide JFHR, File E2137
CSA Certified (200,000 A I.R.),
Class RK1 per CSA C22.2, No. 248.12,
Class 1422-02, File 012636

*Meets all performance requirements of
UL Standard 248-12 for Class RK1 fuses.



Catalog Numbers (250V AC/125V DC)

TR-1/10R	TR-2R	TR-10R	TR-100R
TR-1/8R	TR-2 1/4R	TR-12R	TR-110R
TR-1 5/100R	TR-2 1/2R	TR-15R	TR-125R
TR-2/10R	TR-2 9/10R	TR-17 1/2R	TR-150R
TR-1/4R	TR-3R	TR-20R	TR-175R
TR-3/10R	TR-3 3/10R	TR-25R	TR-200R
TR-4/10R	TR-3 1/2R	TR-30R	TR-225R
TR-1/2R	TR-4R	TR-35R	TR-250R
TR-6/10R	TR-4 1/2R	TR-40R	TR-300R
TR-8/10R	TR-5R	TR-45R	TR-350R
TR-1R	TR-5 1/10R	TR-50R	TR-400R
TR-1 1/8R	TR-6R	TR-60R	TR-450R
TR-1 1/4R	TR-6 1/4R	TR-70R	TR-500R
TR-1 1/10R	TR-7R	TR-75R	TR-600R
TR-1 1/2R	TR-7 1/2R	TR-80R	-
TR-1 6/10R	TR-8R	TR-85R	-
TR-1 8/10R	TR-9R	TR-90R	-

Catalog Numbers (600V AC/ 300V DC)

TRS-1/10R	TRS-2R	TRS-10R	TRS-100R
TRS-1/8R	TRS-2 1/4R	TRS-12R	TRS-110R
TRS-1 5/100R	TRS-2 1/2R	TRS-15R	TRS-125R
TRS-2/10R	TRS-2 9/10R	TRS-17 1/2R	TRS-150R
TRS-1/4R	TRS-3R	TRS-20R	TRS-175R
TRS-3/10R	TRS-3 3/10R	TRS-25R	TRS-200R
TRS-4/10R	TRS-3 1/2R	TRS-30R	TRS-225R
TRS-1/2R	TRS-4R	TRS-35R	TRS-250R
TRS-6/10R	TRS-4 1/2R	TRS-40R	TRS-275R
TRS-8/10R	TRS-5R	TRS-45R	TRS-300R
TRS-1R	TRS-5 1/10R	TRS-50R	TRS-325R
TRS-1 1/8R	TRS-6R	TRS-60R	TRS-350R
TRS-1 1/4R	TRS-6 1/4R	TRS-70R	TRS-400R
TRS-1 1/10R	TRS-7R	TRS-75R	TRS-450R
TRS-1 1/2R	TRS-7 1/2R	TRS-80R	TRS-500R
TRS-1 6/10R	TRS-8R	TRS-85R	TRS-600R
TRS-1 8/10R	TRS-9R	TRS-90R	-

Catalog Numbers (600V AC/300V DC)

AGD-1/10RSP	AGD-2 1/4RSP	AGD-12RSP	AGD-110RSP
AGD-3/10RSP	AGD-2 9/10RSP	AGD-15RSP	AGD-125RSP
AGD-3/10RSP	AGD-3RSP	AGD-17 1/2RSP	AGD-150RSP
AGD-4/10RSP	AGD-3 3/10RSP	AGD-20RSP	AGD-175RSP
AGD-1/2RSP	AGD-3 1/2RSP	AGD-25RSP	AGD-200RSP
AGD-6/10RSP	AGD-4RSP	AGD-30RSP	AGD-225RSP
AGD-8/10RSP	AGD-4 1/2RSP	AGD-35RSP	AGD-250RSP
AGD-1RSP	AGD-5RSP	AGD-40RSP	AGD-300RSP
AGD-1 1/8RSP	AGD-5 1/10RSP	AGD-45RSP	AGD-350RSP
AGD-1 1/4RSP	AGD-6RSP	AGD-50RSP	AGD-400RSP
AGD-1 1/10RSP	AGD-6 1/4RSP	AGD-60RSP	AGD-450RSP
AGD-1 1/2RSP	AGD-7RSP	AGD-70RSP	AGD-500RSP
AGD-1 6/10RSP	AGD-8RSP	AGD-80RSP	AGD-600RSP
AGD-1 8/10RSP	AGD-9RSP	AGD-90RSP	-
AGD-2 1/4RSP	AGD-10RSP	AGD-100RSP	-

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or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970

Current Rating	Max. Rated Voltage AC	Current Rating	Max. Rated Voltage AC
1/8	250V	5	250V
1/4	250V	6	250V
3/8	250V	7	250V
1/2	250V	8	250V
3/4	250V	10	250V
1	250V	12	250V
2	250V	15	250V
2 1/2	250V	20	250V
3	250V	25	250V
4	250V	30	250V

Current Rating	Rated Voltage (Max.)		Current Rating	Rated Voltage (Max.)	
	AC	DC ^{1,2}		AC	DC ^{1,2}
1/100	250V	250V	1 1/4	250V	250V
1/32	250V	250V	1 1/2	250V	250V
1/16	250V	250V	1 3/4	250V	250V
1/10	250V	250V	1 9/10	250V	250V
1/8	250V	250V	2	250V	250V
15/100	250V	250V	2 1/4	250V	250V
175/1000	250V	250V	2 1/2	250V	250V
3/16	250V	250V	3	250V	250V
2/10	250V	250V	3 1/10	250V	250V
1/4	250V	250V	4	250V	250V
3/10	250V	250V	5	250V	250V
3/8	250V	250V	6	250V	250V
4/10	250V	250V	6 3/10	250V	250V
1/2	250V	250V	7	32V	32V
6/10	250V	250V	7 1/2	32V	32V
3/4	250V	250V	8	32V	32V
8/10	250V	250V	10	32V	32V
1	250V	250V	12	250V	250V

Current Rating	Rated Voltage (Max.)		Current Rating	Rated Voltage (Max.)	
	AC	DC ^{1,2}		AC	DC ^{1,2}
1/16	250V	250V	1 1/4	250V	250V
1/10	250V	250V	1 1/2	250V	250V
1/8	250V	250V	1 9/10	250V	250V
15/100	250V	250V	1 9/10	250V	250V
175/1000	250V	250V	2	250V	250V
3/16	250V	250V	2 1/4	250V	250V
2/10	250V	250V	2 1/2	250V	250V
1/4	250V	250V	2 8/10	250V	250V
3/10	250V	250V	3	250V	250V
3/8	250V	250V	3 3/10	250V	250V
4/10	250V	250V	4	250V	250V
1/2	250V	250V	5	250V	250V
6/10	250V	250V	6	250V	250V
7/10	250V	250V	6 1/4	250V	250V
3/4	250V	250V	7	250V	250V
8/10	250V	250V	8	250V	250V
1	250V	250V	10	32V	32V

¹DC ratings are self certified. ²0-8A is UL listed for 125VDC.

Electronic Fuses



GAB

Fast-Acting

Physical Size: 1/4" x 1 1/4" (3AB) (6.3mm x 32mm)

Construction: Ceramic Tube
Nickel Plated Brass End Caps

Agency Information: Std. 248-14
UL Listed, Guide JDYX, File E90660, 0-15A
UL Recognized, Guide JDYX2, File E19180, 20-25A
CSA Certification, Class 1422-01, File 53787,
0-15A, Class 1422-30, File 53787, 20-25A



GGC

GGC-V (Axial Leads)

Fast-Acting

Physical Size: 1/4" x 1 1/4" (3AG) (6.3mm x 32mm)

Construction: Glass Tube
Nickel Plated Brass End Caps

Agency Information: Std. 248-14
UL Listed, Guide JDYX, File E90660, 0-10A
UL Recognized, Guide JDYX2, File E19180, 15-30A
CSA Certification, Class 1422-01, File 53787



GDL

GDL-V (Axial Leads)

Time-Delay

Physical Size: 1/4" x 1 1/4" (3AG) (6.3mm x 32mm)

Construction: Glass Tube
Nickel Plated Brass End Caps

Agency Information: Std. 248-14
UL Listed, Guide JDYX, File E90660; 1/16-8A
CSA Certification Class 1422-01, File 53787, 1/16-8A
UL Recognized, Guide JDYX2, File E19180, 8.1-30A

Additional sizes available upon request.

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Electronic Fuses N. American Standards

GGM

GGM-V (Axial Leads)

Fast-Acting

Physical Size: 0.197" x 0.788" (5mm x 20mm)

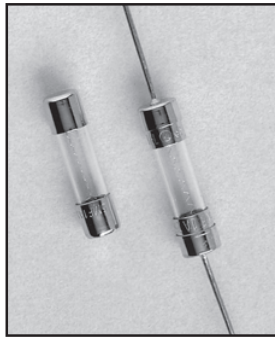
Construction: Glass Tube, Nickel Plated Brass End Caps

Agency Information: Std. 248-14

UL Listed Guide JDYX, File E90660, 1/10-3

UL Recognized, Guide JDYX2, File E90660, 7-15A

CSA Certified, Class 1422-01, File E90660, 0-6A



Current Ratings

Rated Voltage: 250V AC

Breaking Capacity: 35A/250V, 10kA/125V, p.f. = 0.7-0.8

63mA	200mA	315mA	750mA
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100mA	250mA	500mA	800mA
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125mA	300mA	600mA	1A
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Breaking Capacity: 100A/250V, 10kA/125V, p.f. = 0.7-0.8

1.25A	1.5A	1.6A	2A	2.5A
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Rated Voltage: 125V AC

Breaking Capacity: 10kA/125V, p.f. = 0.7-0.8

3.15A	3.5A	5A	4A	6A
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Breaking Capacity: 200A/125V, p.f. = 1.0

7A	8A
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Breaking Capacity: 150A/125V, p.f. = 1.0

10A	15A
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GSC

GSC-V (Axial Leads)

Medium Time-Delay

Physical Size: 0.197" x 0.788" (5mm x 20mm)

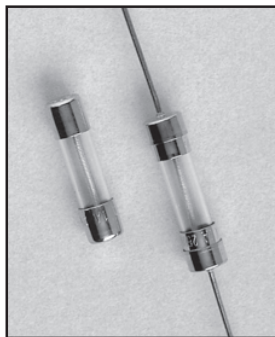
Construction: Glass Tube, nickel plated brass end caps

Agency Information: Std. 248-14

UL Listed Guide JDYX, File E33925, 0-6.3A

UL Recognized, Guide JDYX2, File E33925, 7-8A

CSA Certified, Class 1422-01, File 65063, 0-6.3A



Current Ratings

Rated Voltage: 250V AC

Breaking Capacity: 35A/250V, 10kA/125V, p.f. = 0.7-0.8

63mA	150mA	315mA	630mA
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80mA	200mA	400mA	750mA
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100mA	250mA	500mA	800mA
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125mA	300mA	600mA	1A
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Breaking Capacity: 100A/250V, 10kA/125V, p.f. = 0.7-0.8

1.25A	1.6A	2.5A	3A	3.15A
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1.5A	2A
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Rated Voltage: 125V AC

Breaking Capacity: 10kA/125V, p.f. = 0.7-0.8

3.5A	4A	5A	6A
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Breaking Capacity: 200A/125V, p.f. = 1.0

6.3A	7A	8A	10A
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Questions? Answers at...

Western US: 866 CED-ELEV Eastern US: 866-253-2915
or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970

Electrical Characteristics

Current Rating	I ² t	Max Voltage Drop (mV)	Current Rating	I ² t	Max Voltage Drop (mV)
50mA	0.0017	9000	630mA	0.064	1200
63mA	0.0005	3300	800mA	0.097	490
80mA	0.0011	2600	1A	0.480	230
100mA	0.0018	2300	1.25A	0.9	200
125mA	0.0037	1900	1.6A	1.9	180
160mA	0.008	1600	2A	2.0	205
200mA	0.020	1350	2.5A	3.9	190
250mA	0.027	1300	3.15A	8.1	160
315mA	0.010	1400	4A	14	160
400mA	0.018	1200	5A	25	155
500mA	0.038	1050	6.3A	48	150

Electrical Characteristics

Current Rating	I ² t	Max Voltage Drop (mV)	Current Rating	I ² t	Max Voltage Drop (mV)
32mA	0.0014	1050	500mA	0.75	168
40mA	0.0034	920	630mA	1.3	158
50mA	0.006	800	800mA	3.1	132
63mA	0.012	760	1A	3.6	85
80mA	0.015	580	1.25A	7	80
100mA	0.022	490	1.6A	10	80
125mA	0.034	390	2A	17	80
160mA	0.052	320	2.5A	34	80
200mA	0.078	340	3.15A	56	75
250mA	0.17	270	4A	91	75
315mA	0.41	250	5A	133	75
400mA	0.61	210	6.3A	270	65

Electronic Fuses

IEC Standards

GSD

GSD-V (Axial Leads)

Fast-Acting, High Breaking Capacity

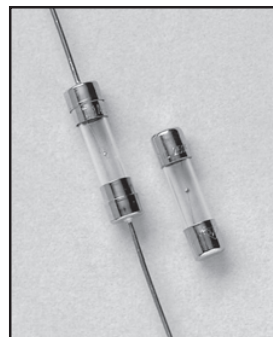
Physical Size: 0.197" x 0.788" (5mm x 20mm)

Construction: Ceramic Tube, Nickel Plated Brass Endcaps

Voltage Rating: 250V AC or less

Interrupting Rating: 1500A @ 250V AC

Agency Information: UL Recognized, Guide JDYX2, File E75865, 50mA and 315mA-6.3A
SEMKO Approval 50mA, 200mA and 315mA-6.3A
IEC 127-SI



GDG

GDG-V (Axial Leads)

Time Delay, Low Breaking Capacity

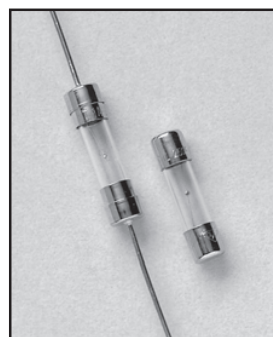
Physical Size: 0.197" x 0.788" (5mm x 20mm)

Construction: Ceramic Tube, Nickel Plated Brass Endcaps

Voltage Rating: 250V AC or less

Interrupting Rating: 35A @ 250V AC

Agency Information: Designed to IEC (Pub 127) Sheet III
British Standard Approval
SEMKO Approval; VDE Approval, IMQ
UL Recognized, Guide JDYX2, File E75865, 32mA-6.3A



Questions? Answers at...

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One-Time General Purpose Fuses

OTN & OTS - One-Time

General Purpose, Non-Current Limiting

Ampere Ratings: 1/8-600 Amps.

Voltage Rating:

NON: 250 Volts AC, 125 Volts DC (0-100A);
NOS: 600 Volts AC

Interrupting Rating: 50,000A RMS Sym. (1-60A),
10,000A RMS Sym. (65-600A)
10,000A @ 125V DC (NON 0-100A)

Agency Information:

UL Listed 250V: Class K5 (0-60A), Std. 248-9
Class H (65-600A), Std. 248-6
600V: Class K5 (0-60A), Std. 248-9
Class H (70-600A), Std. 248-6
Guide JDDZ, File E2137
CSA Certified - 250V: (0-12, 65-600) 600V: (0-600)
Class 1421-01, File 012636



Catalog Numbers (250V AC)

OT-1/8	OT-5	OT-40	OT-175
OT-1/2	OT-6	OT-45	OT-200
OT-3/4	OT-6 1/4	OT-50	OT-225
OT-9/10	OT-7	OT-60	OT-250
OT-1	OT-8	OT-65	OT-300
OT-1 1/4	OT-9	OT-70	OT-350
OT-1 1/2	OT-10	OT-75	OT-400
OT-1 9/10	OT-12	OT-80	OT-450
OT-2	OT-15	OT-90	OT-500
OT-2 1/2	OT-20	OT-100	OT-600
OT-3	OT-25	OT-110	-
OT-3 9/10	OT-30	OT-125	-
OT-4	OT-35	OT-150	-

Catalog Numbers (600V AC)

NOS-1	OTS-12	OTS-70	OTS-200
OTS-2	OTS-15	OTS-75	OTS-225
OTS-3	OTS-20	OTS-80	OTS-250
OTS-4	OTS-25	OTS-90	OTS-300
OTS-5	OTS-30	OTS-100	OTS-350
OTS-6	OTS-35	OTS-110	OTS-400
OTS-7	OTS-40	OTS-125	OTS-450
OTS-8	OTS-45	OTS-150	OTS-500
OTS-9	OTS-50	OTS-175	OTS-600
OTS-10	OTS-60	-	-

Questions? Answers at...

Western US: 866 CED-ELEV Eastern US: 866-253-2915
or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970

High-Speed Semiconductor Fuses

A30QS 250V Electrical Characteristics

Part Number	Rated Current RMS-Amps	Pre-Arc	I ² t (A ² SEC) Clearing at 250V	Watts Loss	Part Number	Rated Current RMS-Amps	Pre-Arc	I ² t (A ² SEC) Clearing at 250V	Watts Loss
A30QS-35-4	35	50	230	4.2	A30-275-4	275	4720	21600	31
A30QS-40-4	40	60	310	5.2	A30-300-4	300	6000	27300	32
A30QS-45-4	45	80	390	5.7	A30-350-4	350	10600	48600	39
A30QS-50-4	50	100	520	6.0	A30-400-4	400	14500	66100	44
A30QS-60-4	60	140	740	8.1	A30-450-4	450	22100	101000	49
A30QS-70-4	70	330	1400	7.2	A30-500-4	500	28000	128000	54
A30QS-80-4	80	430	1850	8.1	A30-600-4	600	41100	188000	62
A30QS-90-4	90	570	2450	9.0	A30-700-4	700	48800	190000	72
A30QS-100-4	100	740	3150	10.0	A30-800-4	800	59000	230000	84
A30QS-125-4	125	1130	4850	12.5	A30-1000-128	1000	44000	360000	100
A30QS-150-4	150	1620	6950	15.7	A30-1200-128	1200	92000	750000	103
A30QS-175-4	175	2170	9300	18.5	A30-1500-128	1500	120000	880000	140
A30QS-200-4	200	2790	12000	22	A30-1600-128	1600	160000	1200000	140
A30QS-225-4	225	3210	14700	24	A30-2000-128	2000	320000	2300000	151
A30QS-250-4	250	3960	18100	27	A30-2500-128	2500	670000	4700000	163

A50QS 500V Electrical Characteristics

Part Number	Rated Current RMS-Amps	Pre-Arc	I ² t (A ² SEzC) Clearing at 500V	Watts Loss	Part Number	Rated Current RMS-Amps	Pre-Arc	I ² t (A ² SEC) Clearing at 500V	Watts Loss
A50P-35-4	35	34	150	.8	A50QS-225-4	225	4600	23300	39
A50P-40-4	40	76	320	7.5	A50QS-275-4	275	7900	40300	46
A50P-45-4	45	105	450	7.5	A50QS-300-4	300	9800	49800	51
A50P-50-4	50	135	670	7.5	A50QS-325-4	325	13700	63800	53
A50P-60-4	60	210	900	9.9	A50QS-350-4	350	14500	72900	58
A50P-70-4	70	210	900	10.6	A50QS-400-4	400	19200	96700	65
A50P-80-4	80	305	1400	12.7	A50QS-450-4	450	24700	127000	74
A50P-90-4	90	360	1600	15	A50QS-500-4	500	29200	149000	84
A50P-100-4	100	475	2000	17	A50QS-600-4	600	41300	206000	108
A50P-125-4	125	800	3500	25	A50QS-700-4	700	55000	298000	120
A50P-150-4	150	1100	4600	30	A50QS-800-4	800	76200	409000	129
A50P-175-4	175	1450	6200	35	A50QS-1000-4	1000	92000	450000	145
A50P-200-4	200	1900	8500	40	A50QS-1200-4	1200	122000	600000	180

A70QS 700V Electrical Characteristics

Part Number	Rated Current RMS-Amps	Pre-Arc	I ² t (A ² SEC) Clearing at 700V	Watts Loss	Part Number	Rated Current RMS-Amps	Pre-Arc	I ² t (A ² SEC) Clearing at 250V	Watts Loss
A70Q-5B	5	1.6	10	1.5	A70QS-175-4K	175	4200	16700	35
A70Q-10B	10	3.6	20	4	A70QS-200-4K	200	5500	22000	43
A70Q-15B	15	10	75	5.5	A70QS-225-4	225	7700	31300	45
A70Q-20B	20	26	180	6	A70QS-250-4	250	10500	42500	48
A70Q-25B	25	44	340	7	A70QS-300-4	300	17600	71200	58
A70Q-30B	30	58	450	9	A70QS-350-4	350	23700	95600	65
A70Q-35B	35	34	160	12	A70QS-400-4	400	31000	125000	78
A70Q-40B	40	76	320	12	A70QS-450-4K	450	36400	137000	94
A70Q-50B	50	135	600	12	A70QS-500-4K	500	45200	170000	107
A70Q-60B	60	210	950	15.5	A70QS-600-4K	600	66700	250000	122
A70Q-70B	70	305	1400	18	A70QS-700-4K	700	54000	300000	125
A70Q-80B	80	360	1600	21	A70QS-800-4K	800	78000	450000	140
A70Q-90B	90	415	1900	25	A70QS-900-4K	900	91500	530000	150
A70Q-100B	100	540	2500	27	A70QS-1000-4K	1000	120000	600000	170
A70QS-125A	125	1800	7300	28	A70QS-1200-4K	1200	195000	1100000	190
A70QS-150A	150	2900	11700	32					

Questions? Answers at...

8.10

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 or 866-233-3538 • Fax 562-427-8429 or 860-256-2211 • Fax 860-290-8970