

FUSES



Electronic Glass and Ceramic Fuses

Applications

These are industry standard general purpose fuses intended to be used for supplemental protection of electronic circuits.

GGC Series

1/4" X 1-1/4"
Glass,
Fast Acting



- 1/2A - 10A, 250VAC, UL Listed and CSA Certified
- 15A, 125VAC, UL Listed and CSA Certified
- 20A - 30A, 32VAC (Supplementary Protection Only)

Cross Reference

- GGC • BGC • 312
- AGC • GGL • 3AG

Part #	Amps	Pack Qty	Pack Price
GGC1/2-5PK	0.5	5	\$3.00
GGC1-5PK	1	5	\$2.00
GGC2-5PK	2	5	\$2.00
GGC3-5PK	3	5	\$2.00
GGC4-5PK	4	5	\$2.50
GGC5-5PK	5	5	\$3.00
GGC6-5PK	6	5	\$3.00
GGC8-5PK	8	5	\$2.50
GGC10-5PK	10	5	\$2.50
GGC15-5PK	15	5	\$2.50
GGC20-5PK	20	5	\$2.50
GGC30-5PK	30	5	\$2.50

GAB Series

1/4" X 1-1/4"
Ceramic, Fast Acting



- 2A - 20A, 250VAC, UL Listed and CSA Certified (Supplementary Protection Only)

Cross Reference

- GAB • ABC • 314
- BBC • 65NM • 3AB

Part #	Amps	Pack Qty	Pack Price
GAB2-5PK	2	5	\$5.00
GAB3-5PK	3	5	\$5.00
GAB5-5PK	5	5	\$4.50
GAB10-5PK	10	5	\$4.50
GAB15-5PK	15	5	\$4.50
GAB20-5PK	20	5	\$6.50

GGM Series

5mm X 20mm
Glass, Fast Acting



- 1/4A - 3A, 250VAC, UL Listed and CSA Certified
- 4A - 5A, 125VAC, UL Listed and CSA Certified
- 10A - 15A, 250VAC, UL Recognized (Supplementary Protection Only)

Cross Reference

- GGM • GMA • 235
- BMA • MQ4 • 5MF

Part #	Amps	Pack Qty	Pack Price
GGM1/4-5PK	0.25	5	\$4.50
GGM1/2-5PK	0.5	5	\$4.50
GGM1-5PK	1	5	\$4.00
GGM2-5PK	2	5	\$4.00
GGM3-5PK	3	5	\$4.00
GGM4-5PK	4	5	\$4.00
GGM5-5PK	5	5	\$4.00
GGM10-5PK	10	5	\$5.50
GGM15-5PK	15	5	\$4.00

GDL Series

1/4" X 1-1/4"
Glass, Time Delay



- 1/2A - 8A, 250VAC, UL Listed and CSA Certified
- 10A - 15A, 125VAC, UL Listed and CSA Certified (Supplementary Protection Only)

Cross Reference

- GDL • MDL • 313
- BDL • 3AG-SB • 3SB

Part #	Amps	Pack Qty	Pack Price
GDL1/2-5PK	0.5	5	\$6.00
GDL1-5PK	1	5	\$6.00
GDL2-5PK	2	5	\$5.00
GDL3-5PK	3	5	\$5.00
GDL4-5PK	4	5	\$5.00
GDL5-5PK	5	5	\$5.00
GDL8-5PK	8	5	\$5.00
GDL10-5PK	10	5	\$6.00
GDL15-5PK	15	5	\$7.00

GSA Series

1/4" X 1-1/4"
Ceramic, Time Delay



- 2A - 5A, 250VAC, UL Listed and CSA Certified
- 10A - 15A, 250VAC, UL Recognized and CSA Recognized
- 20A, 250VAC (Supplementary Protection Only)

Cross Reference

- GSA • 65TS • 326
- MDA

Part #	Amps	Pack Qty	Pack Price
GSA2-5PK	2	5	\$11.50
GSA3-5PK	3	5	\$8.00
GSA5-5PK	5	5	\$8.00
GSA10-5PK	10	5	\$7.50
GSA15-5PK	15	5	\$7.50
GSA20-5PK	20	5	\$8.00

GGA Series

5mm X 20mm
Glass, Time Delay



- 1/4A - 3A, 250VAC, UL Listed and CSA Certified
- 4A - 5A, 125VAC, UL Listed and CSA Certified (Supplementary Protection Only)

Cross Reference

- GGA • GMD

Part #	Amps	Pack Qty	Pack Price
GGA1/4-5PK	0.25	5	\$10.50
GGA1/2-5PK	0.5	5	\$7.00
GGA1-5PK	1	5	\$7.00
GGA2-5PK	2	5	\$7.00
GGA3-5PK	3	5	\$7.00
GGA4-5PK	4	5	\$7.00
GGA5-5PK	5	5	\$7.00

Terminal Block Fuse Holders

Our fuse terminals use industry standard 5mm x 20mm or 1/4" x 1 1/4" fuses. The fuse terminals incorporate a lever arm or a removable fuse cartridge. The fuse terminals are also available with LED indication.

5-pack price from

\$10



ERF2

Use industry standard 5mm x 20mm fuse.

5-pack price from

\$11



ERF3

Use industry standard 5mm x 20mm fuse.

5-pack price from

\$27



ERF4

Use industry standard 1/4" x 1 1/4" fuse.

For more information see our Terminal Block section.



FREE Ground Shipping!*
for online orders over \$500



UltraSafe™ Fuse Modules for Motor Control



USFM Series

The UltraSafe™ Fuse Module from Ferraz Shawmut is designed specifically as an economical solution for protecting individual three-phase motor circuits. The 45mm wide form factor of the Fuse Module allows it to be mounted in-line with IEC disconnects, contactors, and overloads for efficient use of panel space.

Features:

- High SCCR rating, up to 200kA IR
- Dedicated 3-pole fuse module
- IP20 Finger-safe
- Compact footprint with 45mm width
- Auxiliary contact option (1NO /1NC)
- Built-in padlock hasp
- DIN-rail mount with tool-free removal
- Simple fuse change-out
- Optional blown fuse indicator models (90VAC min.)

Note: The USFM is not intended to be used as a disconnect.

Specifications

Rating	USFMCC	USFM10
Volts	600VAC / DC	600VAC / DC
Amps	30A Maximum	30A Maximum
SCCR	200kA	100kA

Approvals

USFMCC	USFM10
CE	CE
UL Listed, Guide IZLT, File E52283	UL Recognized UL512 - Guide IZLT2, File E52283
CSA Certified C22.2, class 6225 01, File 32169	CSA Certified C22.2, Class 6225 01, File 32169

Fuse Modules for use with Class CC Fuses

Catalog No.	Description	Fuse Groups	Price
USFMCC	3 pole fuse module	ATDR, ATMR, ATQR	\$32
USFMCCI	3 pole fuse module with indicator lights		\$42

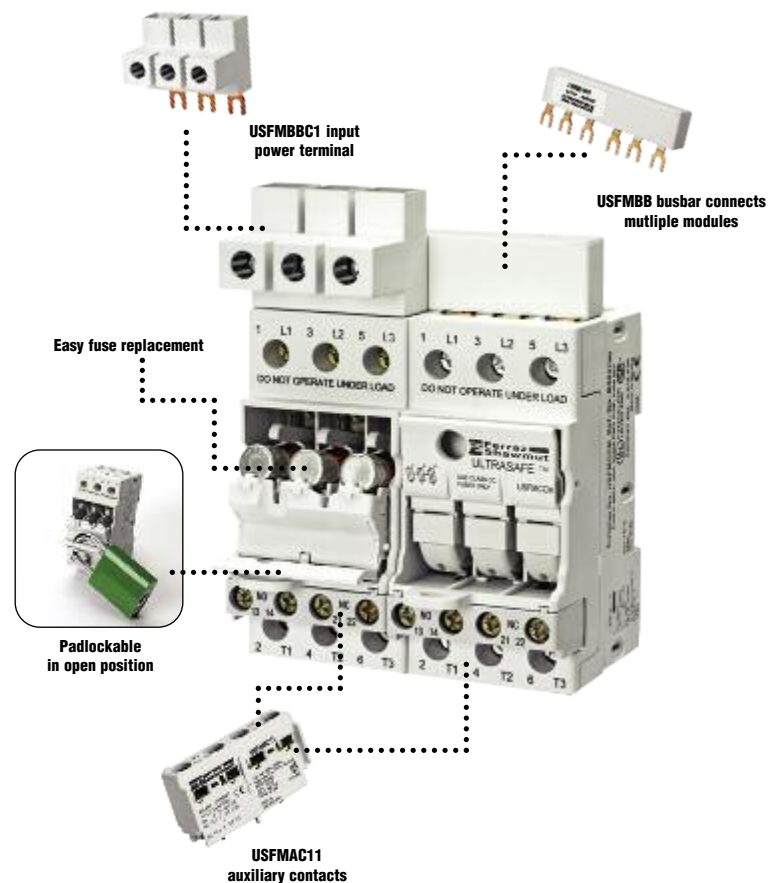
Fuse Modules for use with Midget Class Fuses

Catalog No.	Description	Fuse Groups	Price
USFM10	3 pole fuse module	ATQ, ATM, TRM, OTM	\$32
USFM10I	3 pole fuse module with indicator lights		\$42

Accessories

Catalog No.	Description	Price
USFMAC11	NO (late make) / NC (early break) auxiliary contacts	\$12
USFMBB2	Busbar to connect 2 modules together; 63A @ 600V	\$13
USFMBB3	Busbar to connect 3 modules together; 63A @ 600V	\$15
USFMBB4	Busbar to connect 4 modules together; 63A @ 600V	\$17
USFMBB5	Busbar to connect 5 modules together; 63A @ 600V	\$19
USFMBBC1	Input power terminal block (required when using busbar)	\$18

Accessory Placement on USFMs Mounted Side-by-side



Midget Fuses

OTM Series

Fast Acting, 250V



250VAC,
10kA I.R.

One-time OTM midget fuses provide low-cost protection

for 250V AC general purpose lighting, heating, control circuits, etc., where time delay is not required.

(Supplementary Protection Only)

Applications

Supplemental protection of circuits up to 250VAC and 10kA

Cross Reference

- BAF • BAN • BLF
- BLN • CM • CMC
- CMF • MOF • MOL

Part #	Amps	Price Each	Pack Qty	Pack Price
OTM1	1	\$1.75	10	\$15
OTM2	2	\$1.75	10	\$15
OTM3	3	\$1.75	10	\$15
OTM4	4	\$2.25	10	\$19
OTM5	5	\$1.75	10	\$15
OTM6	6	\$1.75	10	\$15
OTM8	8	\$2.00	10	\$16
OTM10	10	\$1.75	10	\$14
OTM15	15	\$1.75	10	\$14
OTM20	20	\$1.75	10	\$14
OTM25	25	\$1.75	10	\$15
OTM30	30	\$1.75	10	\$14



Midget Fuse Blocks and Fuse Holders (30A Max)

Part Number	Description	Price Each	Pack Qty	Pack Price
30321	Fuse Block, 1 Pole	\$3	-	-
30322	Fuse Block, 2 Pole	\$7	-	-
30323	Fuse Block, 3 Pole	\$8	-	-
USM1	Ultrasafe Fuse Holder, 1 Pole	\$9	12	\$70
USM11	Ultrasafe Fuse Holder, 1 Pole w/ Indicator	\$12	12	\$105
USM2	Ultrasafe Fuse Holder, 2 Pole	\$18	6	\$72
USM21	Ultrasafe Fuse Holder, 2 Pole w/ Indicator	\$23	6	\$107
USM3	Ultrasafe Fuse Holder, 3 Pole	\$26	4	\$73
USM31	Ultrasafe Fuse Holder, 3 Pole w/ Indicator	\$36	4	\$110

ATM Series

Fast Acting, 600V



600VAC,
100kA I.R.

Amp-trap midget fast-acting ATM fuses are rated 600 volts AC,

with a 100kA interrupting rating. These ratings give the ATM a wide range of applications not covered by other midget fuses.

(Supplementary Protection Only)

Applications

Supplemental protection of a wide variety of circuits up to 600VAC and 500VDC with 100kA I.R.

Cross Reference

- KLK • KTK
- MCL • 6JX

Part #	Amps	Price Each	Qty	Pack Price
ATM1/10	1/10	\$9.50	10	\$77
ATM1/8	1/8	\$9.50	10	\$80
ATM1/4	1/4	\$8.50	10	\$68
ATM1/2	1/2	\$8.00	10	\$66
ATM3/4	3/4	\$9.00	10	\$72
ATM1	1	\$7.50	10	\$61
ATM1-1/2	1-1/2	\$8.00	10	\$67
ATM2	2	\$7.50	10	\$61
ATM3	3	\$7.50	10	\$61
ATM4	4	\$8.00	10	\$62
ATM5	5	\$7.50	10	\$61
ATM6	6	\$7.50	10	\$60
ATM7	7	\$9.00	10	\$72
ATM8	8	\$8.00	10	\$62
ATM10	10	\$7.50	10	\$61
ATM12	12	\$9.00	10	\$72
ATM15	15	\$7.50	10	\$61
ATM20	20	\$7.50	10	\$61
ATM25	25	\$7.50	10	\$61
ATM30	30	\$7.50	10	\$61

ATQ Series

Time Delay, 500V



500VAC,
10kA I.R.

Amp-trap ATQ midget time-delay fuses are an excellent choice

for supplemental protection of circuits up to 30A where the available short circuit current does not exceed 10,000A.

(Supplementary Protection Only)

Applications

Supplemental protection of lighting, solenoid, motor, and transformer circuits

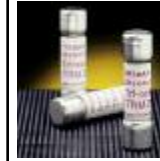
Cross Reference

- CNQ • FLQ
- FNQ • MEQ

Part #	Amps	Price Each	Qty	Pack Price
ATQ1/10	1/10	\$11.00	10	\$91
ATQ1/8	1/8	\$11.00	10	\$92
ATQ3/16	3/16	\$12.00	10	\$96
ATQ1/4	1/4	\$10.00	10	\$83
ATQ4/10	4/10	\$11.00	10	\$92
ATQ1/2	1/2	\$9.50	10	\$77
ATQ8/10	8/10	\$10.00	10	\$83
ATQ1	1	\$9.00	10	\$73
ATQ1-1/8	1-1/8	\$12.00	10	\$96
ATQ1-1/4	1-1/4	\$11.00	10	\$89
ATQ1-4/10	1-4/10	\$11.00	10	\$89
ATQ1-1/2	1-1/2	\$9.50	10	\$77
ATQ1-6/10	1-6/10	\$9.50	10	\$77
ATQ1-8/10	1-8/10	\$11.00	10	\$92
ATQ2	2	\$9.00	10	\$73
ATQ2-1/8	2-1/8	\$11.00	10	\$93
ATQ2-1/4	2-1/4	\$11.00	10	\$93
ATQ2-1/2	2-1/2	\$9.50	10	\$77
ATQ2-8/10	2-8/10	\$11.00	10	\$92
ATQ3	3	\$9.00	10	\$73
ATQ3-2/10	3-2/10	\$9.50	10	\$77
ATQ3-1/2	3-1/2	\$10.00	10	\$83
ATQ4	4	\$9.00	10	\$73
ATQ4-1/2	4-1/2	\$11.00	10	\$89
ATQ5	5	\$9.00	10	\$73
ATQ5-6/10	5-6/10	\$11.00	10	\$89
ATQ6	6	\$9.00	10	\$73
ATQ7	7	\$9.50	10	\$77
ATQ8	8	\$9.00	10	\$73
ATQ9	9	\$12.00	10	\$95
ATQ10	10	\$9.00	10	\$73
ATQ12	12	\$9.00	10	\$73
ATQ14	14	\$12.50	10	\$98
ATQ15	15	\$9.00	10	\$73
ATQ20	20	\$9.00	10	\$73
ATQ25	25	\$9.00	10	\$73
ATQ30	30	\$9.00	10	\$73

TRM Series

Time Delay, 250V



250VAC,
10kA I.R.

Tri-onic TRM time-delay midget fuses are rated 250

volts AC from 1/10A to 30A. They have 12 seconds time delay at 200% rating to provide supplemental protection of small motors, small transformers and other high inrush loads, plus many other 250 volt applications.

(Supplementary Protection Only)

Applications

Small motors, small transformers, lighting circuits, control circuits

Cross Reference

- CNM • FLM • FNM
- FNW • MEN

Part #	Amps	Price Each	Qty	Pack Price
TRM1/10	1/10	\$4.50	10	\$37
TRM2/10	2/10	\$4.50	10	\$37
TRM1/4	1/4	\$4.50	10	\$37
TRM4/10	4/10	\$4.50	10	\$37
TRM1/2	1/2	\$3.50	10	\$30
TRM6/10	6/10	\$3.50	10	\$30
TRM8/10	8/10	\$3.50	10	\$30
TRM1	1	\$3.50	10	\$28
TRM1-1/8	1-1/8	\$4.50	10	\$37
TRM1-1/4	1-1/4	\$4.00	10	\$33
TRM1-4/10	1-4/10	\$4.50	10	\$35
TRM1-6/10	1-6/10	\$4.00	10	\$31
TRM1-8/10	1-8/10	\$4.00	10	\$34
TRM2	2	\$3.50	10	\$25
TRM2-1/4	2-1/4	\$4.00	10	\$33
TRM2-1/2	2-1/2	\$3.50	10	\$29
TRM2-8/10	2-8/10	\$4.00	10	\$34
TRM3	3	\$3.50	10	\$27
TRM3-2/10	3-2/10	\$3.50	10	\$27
TRM3-1/2	3-1/2	\$3.50	10	\$27
TRM4	4	\$3.50	10	\$27
TRM4-1/2	4-1/2	\$4.00	10	\$34
TRM5	5	\$3.50	10	\$25
TRM5-6/10	5-6/10	\$4.00	10	\$34
TRM6	6	\$3.50	10	\$29
TRM7	7	\$3.50	10	\$27
TRM8	8	\$3.50	10	\$27
TRM9	9	\$4.00	10	\$34
TRM10	10	\$3.50	10	\$25
TRM12	12	\$3.50	10	\$29
TRM15	15	\$3.50	10	\$25
TRM20	20	\$3.50	10	\$27
TRM25	25	\$4.00	10	\$30
TRM30	30	\$3.50	10	\$27



FREE Ground Shipping!
for online orders over \$500



Class CC Fuses

ATMR Series

Fast Acting, 600V – Control Circuits



600VAC,
200kA I.R.

Amp-trap ATMR fuses, in the Class CC family, are the smallest dimension 600V fuses suitable for branch circuit

protection. The ATMR is a popular choice for economical protection of control circuits and control circuit transformers where available short circuit currents exceed 10k amperes. ATMR's rejection dimensions prevent substitution by lesser rated fuses. These fast acting fuses give current limiting protection to general circuits.

Applications

Small Motors, Contactors, Lighting, Heating and General Loads, Branch Circuit Protection

Cross Reference

- CTK-R
- HCLR
- KLK-R
- KTK-R

Part #	Amps	Price Each	Pack Qty	Pack Price
ATMR1/10	1/10	\$10.50	10	\$89
ATMR1/8	1/8	\$10.50	10	\$89
ATMR2/10	2/10	\$10.50	10	\$89
ATMR1/4	1/4	\$10.50	10	\$89
ATMR3/10	3/10	\$10.50	10	\$89
ATMR1/2	1/2	\$8.50	10	\$70
ATMR3/4	3/4	\$9.50	10	\$76
ATMR1	1	\$8.50	10	\$67
ATMR1-1/4	1-1/4	\$8.50	10	\$67
ATMR1-1/2	1-1/2	\$8.50	10	\$67
ATMR2	2	\$8.50	10	\$67
ATMR2-1/2	2-1/2	\$10.50	10	\$86
ATMR3	3	\$8.50	10	\$67
ATMR3-1/2	3-1/2	\$11.00	10	\$89
ATMR4	4	\$9.00	10	\$71
ATMR5	5	\$8.50	10	\$67
ATMR6	6	\$8.50	10	\$70
ATMR7	7	\$10.00	10	\$81
ATMR8	8	\$9.00	10	\$71
ATMR9	9	\$11.00	10	\$89
ATMR10	10	\$8.50	10	\$67
ATMR12	12	\$8.50	10	\$68
ATMR15	15	\$8.50	10	\$67
ATMR20	20	\$8.50	10	\$67
ATMR25	25	\$9.00	10	\$71
ATMR30	30	\$8.50	10	\$67



Class CC Fuse Blocks and Fuse Holders (30A Max)

Part Number	Description	Price Each	Pack Qty	Pack Price
30321R	Fuse Block, 1 Pole	\$6	-	-
30322R	Fuse Block, 2 Pole	\$8	-	-
30323R	Fuse Block, 3 Pole	\$10	-	-
USCC1	Ultrasafe Fuse Holder, 1 Pole	\$10	12	\$77
USCC1I	Ultrasafe Fuse Holder, 1 Pole w/ Indicator	\$14	12	\$114
USCC2	Ultrasafe Fuse Holder, 2 Pole	\$20	6	\$79
USCC2I	Ultrasafe Fuse Holder, 2 Pole w/ Indicator	\$26	6	\$118
USCC3	Ultrasafe Fuse Holder, 3 Pole	\$31	4	\$88
USCC3I	Ultrasafe Fuse Holder, 3 Pole w/ Indicator	\$40	4	\$131

ATDR Series

Time Delay, 600V – Motor Protection



600VAC,
200kA I.R.

Amp-trap 2000® ATDR small-dimension fuses can provide IEC Type 2 "no damage" protection to your facility's increasingly sensitive

branch circuit components and small motors – minimizing the risk of fault-related damage. ATDR Class CC fuses deliver the best time delay characteristics in their class with excellent cycling ability for small motor loads.

Applications

Small Motors, Contactors, Lighting, Heating and General Loads, Branch Circuit Protection

Cross Reference

- CCMR
- EDCC
- KLMR
- LP-CC

Part #	Amps	Price Each	Pack Qty	Pack Price
ATDR1/4	1/4	\$10.00	10	\$83
ATDR1/2	1/2	\$9.50	10	\$78
ATDR8/10	8/10	\$9.50	10	\$78
ATDR1	1	\$9.50	10	\$78
ATDR1-1/4	1-1/4	\$10.00	10	\$83
ATDR1-1/2	1-1/2	\$10.00	10	\$83
ATDR1-8/10	1-8/10	\$9.50	10	\$78
ATDR2	2	\$9.50	10	\$78
ATDR2-1/4	2-1/4	\$10.00	10	\$83
ATDR2-1/2	2-1/2	\$9.50	10	\$78
ATDR2-8/10	2-8/10	\$10.00	10	\$83
ATDR3	3	\$9.50	10	\$78
ATDR3-1/2	3-1/2	\$9.50	10	\$78
ATDR4	4	\$9.50	10	\$78
ATDR4-1/2	4-1/2	\$10.00	10	\$83
ATDR5	5	\$9.50	10	\$78
ATDR6	6	\$10.00	10	\$83
ATDR7	7	\$10.00	10	\$83
ATDR7-1/2	7-1/2	\$10.00	10	\$83
ATDR8	8	\$10.00	10	\$83
ATDR9	9	\$10.00	10	\$83
ATDR10	10	\$9.50	10	\$78
ATDR12	12	\$10.00	10	\$83
ATDR15	15	\$9.50	10	\$78
ATDR17-1/2	17-1/2	\$10.00	10	\$80
ATDR20	20	\$10.00	10	\$80
ATDR25	25	\$10.00	10	\$83
ATDR30	30	\$9.50	10	\$78

ATQR Series

Time Delay, 600V–Transformer Protection



600VAC,
200kA I.R.

ATQR small-dimension fuses feature time delay characteristics suited to high inrush currents of control transformers, solenoids,

and similar inductive loads. Member of our Amp-trap 2000® family of fuses - ATQR fuses provide protection for the branch circuits of electrical distribution systems.

Applications

Control Transformers, Solenoids, Inductive Loads, Lighting, Heating & General-purpose

Cross Reference

- CNQ-R
- FNQR
- KLDR
- HCTR

Part #	Amps	Price Each	Pack Qty	Pack Price
ATQR1/10	1/10	\$11.00	10	\$89
ATQR1/8	1/8	\$11.00	10	\$89
ATQR3/16	3/16	\$11.00	10	\$89
ATQR2/10	2/10	\$11.00	10	\$89
ATQR1/4	1/4	\$11.00	10	\$89
ATQR3/10	3/10	\$13.00	10	\$104
ATQR4/10	4/10	\$12.50	10	\$99
ATQR1/2	1/2	\$10.00	10	\$81
ATQR6/10	6/10	\$12.50	10	\$99
ATQR3/4	3/4	\$12.50	10	\$99
ATQR8/10	8/10	\$10.50	10	\$88
ATQR1	1	\$10.00	10	\$80
ATQR1-1/8	1-1/8	\$12.50	10	\$99
ATQR1-1/4	1-1/4	\$12.50	10	\$99
ATQR1-4/10	1-4/10	\$13.00	10	\$104
ATQR1-1/2	1-1/2	\$10.00	10	\$81
ATQR1-6/10	1-6/10	\$12.50	10	\$99
ATQR1-8/10	1-8/10	\$13.00	10	\$104
ATQR2	2	\$10.00	10	\$81
ATQR2-1/4	2-1/4	\$13.00	10	\$104
ATQR2-1/2	2-1/2	\$11.00	10	\$89
ATQR2-8/10	2-8/10	\$13.00	10	\$104
ATQR3	3	\$10.00	10	\$81
ATQR3-2/10	3-2/10	\$13.00	10	\$104
ATQR3-1/2	3-1/2	\$12.50	10	\$99
ATQR4	4	\$10.50	10	\$86
ATQR4-1/2	4-1/2	\$11.50	10	\$91
ATQR5	5	\$10.00	10	\$81
ATQR5-6/10	5-6/10	\$11.50	10	\$92
ATQR6	6	\$11.00	10	\$89
ATQR6-1/4	6-1/4	\$13.00	10	\$104
ATQR7	7	\$11.50	10	\$95
ATQR7-1/2	7-1/2	\$12.00	10	\$94
ATQR8	8	\$11.00	10	\$89
ATQR9	9	\$12.50	10	\$100
ATQR10	10	\$10.50	10	\$86
ATQR12	12	\$10.00	10	\$81
ATQR15	15	\$10.00	10	\$81
ATQR17-1/2	17-1/2	\$10.50	10	\$86
ATQR20	20	\$10.00	10	\$84
ATQR25	25	\$10.00	10	\$84
ATQR30	30	\$10.00	10	\$84

BREAK
PACK!

RK1 Fuses



A2D/A6D Series Time Delay

Upgrade Yesterday's Circuits to Today's Type 2 Protection



300kA I.R.

Amp-trap 2000® SmartSpot™ A2D, A6D fuses give excellent protection for all applications by providing:

- SmartSpot® visual open fuse indicator (above 7A)
- IEC Type "2" (No Damage) protection to main, feeder, and branch circuits, for all types of loads
- A wide range of ratings from 1 to 600 Amperes)

Applications

Supplemental protection for wide variety of circuits up to 600VAC and 500VDC with 100kA I.R.

A2D (250V) Cross Reference

- FTR
- LEN
- LEN-R
- LEN-RK
- LLN-RK
- LON
- LON-R
- LON-RK
- LPN
- LPN-R
- LPN-RK
- NCLR-S

A6D (600V) Cross Reference

- FTSR
- LES
- LES-R
- LES-RK
- LLS-RK
- LOS
- LOS-R
- LOS-RK
- LPS
- LPS-R
- LPS-RKSP
- RKS
- SCLR-S

Part Number	Qty	Price
A2D1/10R	10	\$88
A2D2/10R	10	\$88
A2D3/10R	10	\$88
A2D4/10R	10	\$88
A2D1/2R	10	\$74
A2D1R	10	\$68
A2D1-1/4R	10	\$83
A2D1-8/10R	10	\$88
A2D2R	10	\$66
A2D2-1/2R	10	\$72
A2D3R	10	\$63
A2D4R	10	\$63
A2D5R	10	\$60
A2D6R	10	\$63
A2D7R	10	\$71
A2D8R	10	\$63
A2D9R	10	\$71
A2D10R	10	\$60
A2D12R	10	\$63
A2D15R	10	\$48
A2D20R	10	\$48
A2D25R	10	\$48
A2D30R	10	\$48
A2D35R	10	\$88
A2D40R	10	\$88
A2D45R	10	\$88
A2D50R	10	\$88
A2D60R	10	\$88
A2D70R	5	\$99
A2D75R	5	\$99
A2D80R	5	\$99
A2D100R	5	\$99
A2D110R	1	\$50
A2D125R	1	\$44
A2D150R	1	\$44
A2D200R	1	\$44
A2D225R	1	\$82
A2D250R	1	\$82
A2D300R	1	\$82
A2D350R	1	\$84
A2D400R	1	\$78
A2D450R	1	\$128
A2D500R	1	\$128
A2D600R	1	\$128

Part Number	Qty	Price
A6D1/10R	10	\$174
A6D2/10R	10	\$174
A6D3/10R	10	\$174
A6D4/10R	10	\$174
A6D1/2R	10	\$163
A6D1R	10	\$137
A6D1-1/4R	10	\$138
A6D1-8/10R	10	\$155
A6D2R	10	\$130
A6D2-1/2R	10	\$137
A6D3R	10	\$121
A6D4R	10	\$121
A6D5R	10	\$121
A6D6R	10	\$121
A6D7R	10	\$127
A6D8R	10	\$121
A6D9R	10	\$127
A6D10R	10	\$121
A6D12R	10	\$121
A6D15R	10	\$106
A6D17-1/2R	10	\$106
A6D20R	10	\$106
A6D25R	10	\$106
A6D30R	10	\$106
A6D35R	10	\$183
A6D40R	10	\$183
A6D45R	10	\$183
A6D50R	10	\$183
A6D60R	10	\$183
A6D70R	5	\$189
A6D80R	5	\$189
A6D90R	5	\$189
A6D100R	5	\$189
A6D110R	1	\$76
A6D125R	1	\$76
A6D150R	1	\$76
A6D175R	1	\$76
A6D200R	1	\$76
A6D225R	1	\$151
A6D250R	1	\$151
A6D300R	1	\$151
A6D350R	1	\$151
A6D400R	1	\$151
A6D450R	1	\$219
A6D500R	1	\$219
A6D600R	1	\$219

A2K/A6K Series Fast Acting

These Fast-acting Fuses Deliver a High Degree of Current Limitation Where You Need it Most



200kA I.R.

Current-limiting A2K and A6K Amp-trap® fuses provide excellent protection where high available short circuit currents exist. These fast-acting fuses are particularly good for branch/feeder circuits and back-up protection.

Applications

Loadcenters, Panelboards, Switchboards, Feeder Circuits, Bus, Duct, Non-inductive Loads, Lighting Circuits

A2K (250V) Cross Reference

- C-HG
- CTN-R
- HB
- HNR
- KLN-R
- KTN
- KTNR
- KWN-R
- NCL
- NCL-R
- RHN

A6K (600V) Cross Reference

- C-HR
- CTS-R
- HA
- KLSR
- KS
- KTS
- KTS-R
- KWS-R
- RHS
- SCL
- SCL-R

Part Number	Qty	Price
A2K1R	10	\$116
A2K3R	10	\$116
A2K5R	10	\$116
A2K6R	10	\$111
A2K10R	10	\$111
A2K12R	10	\$116
A2K15R	10	\$111
A2K20R	10	\$111
A2K25R	10	\$116
A2K30R	10	\$111
A2K35R	10	\$256
A2K40R	10	\$268
A2K45R	10	\$268
A2K50R	10	\$268
A2K60R	10	\$238
A2K70R	5	\$273
A2K80R	5	\$284
A2K90R	5	\$284
A2K100R	5	\$254
A2K110R	1	\$113
A2K125R	1	\$108
A2K150R	1	\$103
A2K175R	1	\$108
A2K200R	1	\$96
A2K225R	1	\$217
A2K250R	1	\$217
A2K300R	1	\$217
A2K350R	1	\$227
A2K400R	1	\$202
A2K450R	1	\$294
A2K500R	1	\$294
A2K600R	1	\$261

Part Number	Qty	Price
A6K1R	10	\$145
A6K3R	10	\$145
A6K4R	10	\$145
A6K5R	10	\$145
A6K6R	10	\$145
A6K8R	10	\$145
A6K10R	10	\$145
A6K15R	10	\$139
A6K20R	10	\$139
A6K25R	10	\$145
A6K30R	10	\$139
A6K35R	10	\$310
A6K40R	10	\$297
A6K45R	10	\$310
A6K50R	10	\$310
A6K60R	10	\$297
A6K70R	5	\$318
A6K80R	5	\$318
A6K90R	5	\$332
A6K100R	5	\$280
A6K110R	1	\$126
A6K125R	1	\$120
A6K150R	1	\$112
A6K175R	1	\$120
A6K200R	1	\$106
A6K225R	1	\$240
A6K250R	1	\$240
A6K300R	1	\$222
A6K350R	1	\$240
A6K400R	1	\$222
A6K450R	1	\$326
A6K500R	1	\$326
A6K600R	1	\$303

Don't see what your are looking for?

Much more is available...give us a call for help with a cross-reference and a quote on your specific needs.



FREE Ground Shipping* for online orders over \$500



RK5 Fuses

TR Series Time Delay



The Industry's Most Popular Fuse for Motor Circuit Protection

Tri-onic® current-limiting time-delay fuses engineered for overcurrent protection while safely handling inrush currents associated with motors and transformers.

Applications

Motor Circuits, Transformers, Mains, Feeders, Service Entrance Equipment, Branch Circuits, General Purpose Protection

TR (250V) Cross Reference

- CRN-R
- CSN-R
- DENR
- DLNR
- ECN
- ECN-R
- FLN-R
- FRN
- FRN-R
- R640
- TRNR
- 52

Part #	Price Each	Pack Qty	Pack Price
TR1/10R	\$8.00	10	\$60
TR15/100R	\$8.00	10	\$60
TR2/10R	\$8.00	10	\$60
TR3/10R	\$8.00	10	\$60
TR4/10R	\$8.00	10	\$60
TR1/2R	\$7.00	10	\$50
TR6/10R	\$7.00	10	\$53
TR8/10R	\$7.50	10	\$57
TR1R	\$6.50	10	\$46
TR1-1/8R	\$8.00	10	\$60
TR1-1/4R	\$7.50	10	\$57
TR1-4/10R	\$8.00	10	\$60
TR1-6/10R	\$6.50	10	\$47
TR1-8/10R	\$8.00	10	\$60
TR2R	\$6.00	10	\$45
TR2-1/4R	\$8.00	10	\$60
TR2-1/2R	\$6.50	10	\$49
TR2-8/10R	\$7.50	10	\$57
TR3R	\$6.00	10	\$43
TR3-2/10R	\$6.00	10	\$43
TR3-1/2R	\$6.50	10	\$45
TR4R	\$6.00	10	\$43
TR4-1/2R	\$6.50	10	\$45
TR5R	\$5.00	10	\$41
TR5-6/10R	\$7.00	10	\$52
TR6R	\$6.00	10	\$43
TR7R	\$6.50	10	\$45
TR8R	\$6.00	10	\$43
TR9R	\$6.50	10	\$48
TR10R	\$5.00	10	\$41

Part #	Price Each	Pack Qty	Pack Price
TR12R	\$6.00	10	\$43
TR15R	\$4.50	10	\$33
TR17-1/2R	\$3.00	10	\$35
TR20R	\$4.50	10	\$33
TR25R	\$4.50	10	\$33
TR30R	\$4.50	10	\$33
TR35R	\$8.00	10	\$60
TR40R	\$8.00	10	\$60
TR45R	\$8.00	10	\$60
TR50R	\$8.00	10	\$60
TR60R	\$8.00	10	\$60
TR70R	\$18.00	5	\$67
TR75R	\$23.00	5	\$87
TR80R	\$18.00	5	\$67
TR90R	\$19.00	5	\$70
TR100R	\$18.00	5	\$67

Part #	Qty	Price
TR110R	1	\$33.50
TR125R	1	\$30.00
TR150R	1	\$30.00
TR175R	1	\$31.00
TR200R	1	\$24.00
TR225R	1	\$55.50
TR250R	1	\$55.50
TR300R	1	\$55.50
TR350R	1	\$56.50
TR400R	1	\$53.00
TR450R	1	\$87.50
TR500R	1	\$87.50
TR600R	1	\$87.50

TRS Series Time Delay



The Industry's Most Popular Fuse for Motor Circuit Protection

Tri-onic® current-limiting time-delay fuses engineered for overcurrent protection while safely handling inrush currents associated with motors and transformers.

Applications

Motor Circuits, Transformers, Mains, Feeders, Service Entrance Equipment, Branch Circuits, General Purpose Protection

TRS (600V) Cross Reference

- CRS-R
- CSS-R
- DESR
- DLSR
- ECS
- ECS-R
- FLS-R
- FRS
- FRS-R
- IDSR
- R641
- TRSR
- 56

Part #	Price Each	Pack Qty	Pack Price
TRS1/10R	\$15.50	10	\$119
TRS15/100R	\$15.50	10	\$119
TRS2/10R	\$15.50	10	\$119
TRS3/10R	\$15.50	10	\$119
TRS4/10R	\$15.50	10	\$119
TRS1/2R	\$15.00	10	\$111
TRS6/10R	\$15.00	10	\$111
TRS8/10R	\$15.00	10	\$111
TRS1R	\$12.50	10	\$93
TRS1-1/8R	\$15.00	10	\$113
TRS1-1/4R	\$12.50	10	\$94
TRS1-4/10R	\$15.00	10	\$113
TRS1-6/10R	\$12.50	10	\$93
TRS1-8/10R	\$14.00	10	\$105
TRS2R	\$11.50	10	\$88
TRS2-1/4R	\$12.50	10	\$94
TRS2-1/2R	\$12.50	10	\$93
TRS2-8/10R	\$13.00	10	\$98
TRS3R	\$11.00	10	\$82
TRS3-1/2R	\$11.50	10	\$86
TRS4R	\$11.00	10	\$82
TRS4-1/2R	\$12.50	10	\$93
TRS5R	\$11.00	10	\$82
TRS5-6/10R	\$12.50	10	\$93
TRS6R	\$11.00	10	\$82
TRS7R	\$11.50	10	\$86
TRS8R	\$11.00	10	\$82
TRS9R	\$11.50	10	\$86
TRS10R	\$11.00	10	\$82

Part #	Price Each	Pack Qty	Pack Price
TRS12R	\$11.00	10	\$82
TRS15R	\$10.00	10	\$72
TRS17-1/2R	\$10.00	10	\$72
TRS20R	\$10.00	10	\$72
TRS25R	\$10.00	10	\$72
TRS30R	\$10.00	10	\$72
TRS35R	\$16.50	10	\$124
TRS40R	\$16.50	10	\$124
TRS45R	\$16.50	10	\$124
TRS50R	\$16.50	10	\$124
TRS60R	\$16.50	10	\$124
TRS70R	\$34.00	5	\$128
TRS75R	\$38.50	5	\$145
TRS80R	\$34.00	5	\$128
TRS90R	\$34.00	5	\$128
TRS100R	\$34.00	5	\$128

Part #	Qty	Price
TRS110R	1	\$52.00
TRS125R	1	\$52.00
TRS150R	1	\$52.00
TRS175R	1	\$52.00
TRS200R	1	\$52.00
TRS225R	1	\$102.50
TRS250R	1	\$102.50
TRS300R	1	\$102.50
TRS350R	1	\$102.50
TRS400R	1	\$102.50
TRS450R	1	\$148.50
TRS500R	1	\$148.50
TRS600R	1	\$148.50

Class R Fuse Blocks



250V

Part #	Rating	Poles	Price
20326R	250V / 30A	1	\$6
20327R	250V / 30A	2	\$10
20328R	250V / 30A	3	\$15
20606R	250V / 60A	1	\$9
20607R	250V / 60A	2	\$17
20608R	250V / 60A	3	\$23
21036R	250V / 100A	1	\$23
21037R	250V / 100A	2	\$40
21038R	250V / 100A	3	\$52
22001R	250V / 200A	1	\$56
22003R	250V / 200A	3	\$171
24001R	250V / 400A	1	\$192
24003R	250V / 400A	3	\$583
2631R	250V / 600A	1	\$248
2633R	250V / 600A	3	\$761

600V

Part #	Rating	Poles	Price
60306R	600V / 30A	1	\$10
60307R	600V / 30A	2	\$19
60308R	600V / 30A	3	\$24
60606R	600V / 60A	1	\$14
60607R	600V / 60A	2	\$22
60608R	600V / 60A	3	\$29
61036R	600V / 100A	1	\$27
61038R	600V / 100A	3	\$64
62001R	600V / 200A	1	\$61
62003R	600V / 200A	3	\$173
64001R	600V / 400A	1	\$170
64003R	600V / 400A	3	\$486
6631R	600V / 600A	1	\$272
6633R	600V / 600A	3	\$736

Class J Fuses



AJT Series

600V, Time Delay



Amp-trap 2000® AJT fuses provide IEC Type "2" (No Damage) protection for main, feeder, and branch circuits, for all types of loads. They require half the mounting space needed for 600VAC Class RK fuses. AJT's time delay characteristic easily handles harmless in-rush currents, and its

current limiting ability is the best in the UL fuse class! SmartSpot® indicator available for 8A and above.

Applications

Motor Circuits, Transformers, Lighting, Heating, and General Loads, Mains, Feeders, Branch Circuits, Control Panels, Circuit Breaker Back-up, Bus Duct, Load Centers

Cross Reference

- GF8B • J-DC • JDL • JHC • JTD • LPJ

Part #	Price Each	Pack Qty	Pack Price
AJT1	\$13	10	\$98
AJT1-1/2	\$13	10	\$98
AJT2	\$13	10	\$98
AJT2-1/2	\$13	10	\$98
AJT3	\$13	10	\$98
AJT4	\$14	10	\$102
AJT5	\$13	10	\$98
AJT6	\$13	10	\$98
AJT7	\$14	10	\$102
AJT8	\$14	10	\$102
AJT9	\$14	10	\$102
AJT10	\$13	10	\$98
AJT12	\$14	10	\$102
AJT15	\$13	10	\$98
AJT17-1/2	\$14	10	\$102
AJT20	\$13	10	\$98
AJT25	\$13	10	\$98
AJT30	\$13	10	\$98
AJT35	\$22	10	\$166
AJT40	\$22	10	\$166

Part #	Price Each	Pack Qty	Pack Price
AJT45	\$22	10	\$166
AJT50	\$22	10	\$166
AJT60	\$22	10	\$166
AJT70	\$46	5	\$172
AJT80	\$46	5	\$172
AJT90	\$48	5	\$180
AJT100	\$46	5	\$172

Part #	Qty	Price
AJT110	1	\$72
AJT125	1	\$68
AJT150	1	\$68
AJT175	1	\$72
AJT200	1	\$68
AJT225	1	\$144
AJT250	1	\$138
AJT300	1	\$138
AJT350	1	\$144
AJT400	1	\$138
AJT450	1	\$218
AJT500	1	\$218
AJT600	1	\$210

A4J Series

600V, Fast Acting



A4J Class J fuses deliver excellent current-limiting protection to a wide variety of applications.

Their unique dimensions prevent the substitution of other fuses with lower voltage ratings, interrupting ratings, or current-limiting capability.

- High current limitation for low peak thru current
- Unique dimensions prevent replacement by other fuse classes
- Fiberglass body provides dimensional stability in harsh industrial environments
- Easy-to-read imprint label for quick recognition and replacement

Applications

Capacitors, Loadcenters, Panelboards, Switchboards, Bus Duct, Feeder Circuits, Circuit Breakers, Lighting, Heating, and General Loads

Part #	Qty	Price
A4J1	10	\$128
A4J3	10	\$123
A4J6	10	\$116
A4J10	10	\$108
A4J15	10	\$108
A4J20	10	\$108
A4J25	10	\$123
A4J30	10	\$100
A4J35	10	\$200
A4J40	10	\$177
A4J45	10	\$200
A4J50	10	\$177
A4J60	10	\$163
A4J70	5	\$144
A4J75	5	\$155
A4J80	5	\$152

Part #	Qty	Price
A4J90	5	\$159
A4J100	5	\$124
A4J110	1	\$58
A4J125	1	\$56
A4J150	1	\$54
A4J175	1	\$56
A4J200	1	\$47
A4J225	1	\$123
A4J250	1	\$123
A4J300	1	\$108
A4J350	1	\$123
A4J400	1	\$102
A4J450	1	\$182
A4J500	1	\$174
A4J600	1	\$146

HSJ Series

600VAC, 300kA I.R.

NEC branch circuit protection & power electronics protection in one package!



The new High Speed J (HSJ) combines the low I²t of a semiconductor fuse and the branch circuit performance of a Class J UL listed fuse.

This fuse was designed for the starting characteristics of solid state motor controllers. The HSJ can provide branch circuit protection per NEC requirements, as well as very low I²t for protection of power semiconductors such as Diodes, SCR's, GTO's and SSR's.

Applications

Branch Circuits, Control Panels, AC Drives, Electronic Motor Controllers, Phase Controllers, Soft Starters, Solid State Relays

Part #	Price Each	Pack Qty	Pack Price
HSJ15	\$16	10	\$116
HSJ17-1/2	\$16	10	\$121
HSJ20	\$16	10	\$116
HSJ25	\$16	10	\$116
HSJ30	\$16	10	\$116
HSJ35	\$26	10	\$198
HSJ40	\$26	10	\$198
HSJ45	\$26	10	\$198
HSJ50	\$26	10	\$198
HSJ60	\$26	10	\$198
HSJ70	\$54	5	\$204
HSJ80	\$54	5	\$204
HSJ90	\$54	5	\$204
HSJ100	\$54	5	\$204

Part #	Qty	Price
HSJ110	1	\$85
HSJ125	1	\$82
HSJ150	1	\$82
HSJ175	1	\$85
HSJ200	1	\$82
HSJ225	1	\$172
HSJ250	1	\$164
HSJ300	1	\$164
HSJ350	1	\$172
HSJ400	1	\$164
HSJ500	1	\$261
HSJ600	1	\$252

Class J Fuse Blocks



Part #	Amperage	Poles	Price Each	Pack Qty	Pack Price
60308SJ	600V / 30A	3	\$40	5	\$167
60606J	600V / 60A	1	\$16	10	\$130
60607J	600V / 60A	2	\$30	5	\$127
60608J	600V / 60A	3	\$41	5	\$171
61036J	600V / 100A	1	\$22	3	\$56

Part #	Amperage	Poles	Qty	Price
61038J	600V / 100A	3	1	\$55
62001J	600V / 200A	1	1	\$80
62003J	600V / 200A	3	1	\$241
64001J	600V / 400A	1	1	\$156
64003J	600V / 400A	3	1	\$449
6631J	600V / 600A	1	1	\$255
6633J	600V / 600A	3	1	\$762

Class J Ultrasafe Fuse Holders



Part #	Amperage	Poles	Price Each	Pack Qty	Pack Price
US3J1I	600V / 30A	1	\$18	6	\$90
US3J2I	600V / 30A	2	\$37	3	\$92
US3J3I	600V / 30A	3	\$56	2	\$92
US6J1I	600V / 60A	1	\$20	6	\$100
US6J2I	600V / 60A	2	\$42	3	\$103
US6J3I	600V / 60A	3	\$62	2	\$103



FREE Ground Shipping!
for online orders over \$500

