

# 1/4" Dia. x 1 1/4" Length Fast-acting Ferrule Fuses

## AGC (AGC-V axial leads)

### Specifications

#### Description:

Fast-acting fuse.

**Dimensions:** 1/4" x 1 1/4"  
(6.4 x 31.7mm).

**Construction:** Glass tube with nickel-plated brass endcaps.

#### Ratings:

- Volts — 250Vac (1/20-10A)
- 32Vac (12-30A)
- 32Vdc (Self Certified)
- Amps — 1/20-30A
- IR — 35A (1/20-1A @ 250Vac)
- 100A (1 1/4-3A @ 250Vac)
- 200A (4-10A @ 250Vac)
- 10kA (1/20-10A @ 125Vac)
- 1000A (12-30A @ 32Vdc)



RoHS

**Agency Information:** CE, UL Listed, Guide JDYX, File E19180, 0-10A UL Recognized, Guide JDYX2, File E19180, 12-30A CSA Certification, Class 1422-01, File 053787, 1/20-30A.

### Features and Benefits

- Original electronic glass tube fuse.
- Fast-acting for maximum protection.
- Wide amp/volt ratings allow versatility of protecting electronic circuits.

### Typical Applications

- Electronic Circuits

### Catalog Numbers (Amps)

#### With Axial Leads

|              |               |            |
|--------------|---------------|------------|
| AGC-V-1/20-R | AGC-V-1-1/4-R | AGC-V-8-R  |
| AGC-V-1/10-R | AGC-V-1-1/2-R | AGC-V-9-R  |
| AGC-V-1/6-R  | AGC-V-2-R     | AGC-V-10-R |
| AGC-V-3/10-R | AGC-V-2-1/4-R | AGC-V-12-R |
| AGC-V-1/5-R  | AGC-V-2-1/2-R | AGC-V-14-R |
| AGC-V-1/4-R  | AGC-V-3-R     | AGC-V-15-R |
| AGC-V-3/10-R | AGC-V-4-R     | AGC-V-20-R |
| AGC-V-1/3-R  | AGC-V-5-R     | AGC-V-25-R |
| AGC-V-1/2-R  | AGC-V-6-R     | AGC-V-30-R |
| AGC-V-3/4-R  | AGC-V-7-R     |            |
| AGC-V-1-R    | AGC-V-7-1/2-R |            |

#### Without Axial Leads

|            |             |          |
|------------|-------------|----------|
| AGC-1/20-R | AGC-1-1/4-R | AGC-8-R  |
| AGC-1/10-R | AGC-1-1/2-R | AGC-9-R  |
| AGC-1/6-R  | AGC-2-R     | AGC-10-R |
| AGC-1/5-R  | AGC-2-1/4-R | AGC-12-R |
| AGC-3/10-R | AGC-2-1/2-R | AGC-14-R |
| AGC-1/4-R  | AGC-3-R     | AGC-15-R |
| AGC-3/10-R | AGC-4-R     | AGC-20-R |
| AGC-1/3-R  | AGC-5-R     | AGC-25-R |
| AGC-1/2-R  | AGC-6-R     | AGC-30-R |
| AGC-3/4-R  | AGC-7-R     |          |
| AGC-1-R    | AGC-7-1/2-R |          |

Data Sheet: 2001

## ABC (ABC-V axial leads)

### Specifications

**Description:** Fast-acting fuse.

**Dimensions:** 1/4" x 1 1/4"  
(6.4 x 31.7mm).

**Construction:** Ceramic tube with nickel-plated brass endcaps.

#### Ratings:

- Volts — 250Vac/125Vdc (1/4-15A, 20-30A)\*
- 250Vac (18A)
- 32Vdc (Self Certified)
- Amps — 1/4-30A
- IR\*\* — 35A (1/4-1A @ 250Vac)
- 100A (1 1/4-3A @ 250Vac)
- 200A (4-10A @ 250Vac)
- 750A (12-15A @ 250Vac)
- 400A (18-20A @ 250Vac)
- 10kA (1/4-15A @ 125Vac)
- 1kA (18-30A @ 125Vac)
- 10kA (1/4-15, 20A @ 125Vdc)
- 400A (25-30A @ 125Vdc)
- 200A (25-30A @ 250Vac)



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\*CSA approvals for 25A and 30A are at 125Vac - IR 1000A and Vdc - IR 400A (IR 1000A at 75Vdc)

\*\*Interrupting ratings measured at 70% - 80% power factor on AC. The interrupting ratings for 18A and 20A were measured at 85%-95% power factor on AC. The interrupting ratings for 25A and 30A were measured at 89% power factor on AC.

**Agency Information:** CE, Std. 248-14 UL Listed, Guide JDYX File E19180, 1/4-15A; UL Recognized, Guide JDYX2, File E19180, 18-30A; CSA Certification, Class 1422-01 & 1422-30, File 53787, 1/4-30A.

### Features and Benefits

- Ceramic body allows for higher amp/volt rating combinations.

### Typical Applications

- Electronic Circuits

### Catalog Numbers (Amps)

#### With Axial Leads

|               |            |            |
|---------------|------------|------------|
| ABC-V-1/4-R   | ABC-V-3-R  | ABC-V-12-R |
| ABC-V-1/2-R   | ABC-V-4-R  | ABC-V-15-R |
| ABC-V-3/4-R   | ABC-V-5-R  | ABC-V-18-R |
| ABC-V-1-R     | ABC-V-6-R  | ABC-V-20-R |
| ABC-V-1-1/4-R | ABC-V-7-R  | ABC-V-25-R |
| ABC-V-2-R     | ABC-V-8-R  | ABC-V-30-R |
| ABC-V-2-1/2-R | ABC-V-10-R |            |

#### Without Axial Leads

|             |          |          |
|-------------|----------|----------|
| ABC-1/4-R   | ABC-3-R  | ABC-12-R |
| ABC-1/2-R   | ABC-4-R  | ABC-15-R |
| ABC-3/4-R   | ABC-5-R  | ABC-18-R |
| ABC-1-R     | ABC-6-R  | ABC-20-R |
| ABC-1-1/4-R | ABC-7-R  | ABC-25-R |
| ABC-2-R     | ABC-8-R  | ABC-30-R |
| ABC-2-1/2-R | ABC-10-R |          |

Data Sheet: 2000

## GBB (GBB-V axial leads)

### Specifications

**Description:** Very fast-acting fuse.

**Dimensions:** 1/4" x 1 1/4"  
(6.4 x 31.7mm).

**Construction:** Ceramic cartridge with nickel-plated brass endcaps.

#### Ratings:

- Volts — 250Vac/125Vdc
- Amps — 1-30A
- IR — 200A @ 250Vac
- 200A (20-30A @ 125Vac/dc)
- 10,000A (1A -15A @ 125Vac/dc)



RoHS

### Agency Information:

CE, Std. 248-14, UL Recognized, 1-30, 125Vdc/250Vac, File E56412, Guide JFHR2, CSA Accepted, 1-30, 125Vdc/250Vac, File 53787, Class 1422-30.

### Features and Benefits

- Very fast-acting performance allows protection of highly sensitive electronic circuitry.

### Typical Applications

- Electronic Circuits

### Catalog Numbers (Amps)

#### With Axial Leads

|               |            |            |
|---------------|------------|------------|
| GBB-V-1-R     | GBB-V-6-R  | GBB-V-15-R |
| GBB-V-1-1/4-R | GBB-V-7-R  | GBB-V-20-R |
| GBB-V-2-R     | GBB-V-8-R  | GBB-V-25-R |
| GBB-V-3-R     | GBB-V-9-R  | GBB-V-30-R |
| GBB-V-4-R     | GBB-V-10-R |            |
| GBB-V-5-R     | GBB-V-12-R |            |

#### Without Axial Leads

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

Data Sheet: 2013