

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 (12-40A)
- 32Vdc (self certified)

Amps — 1/20-40A

- IR — 35A (1/20-1A @ 250Vac)
- 100A (1 1/4-3A @ 250Vac)
- 200A (4-10A @ 250Vac)
- 10kA (1/20-10A @ 125Vac)
- 1000A (12-40A @ 32Vac)

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-1/6-R | AGC-V-2-1/2-R | AGC-V-12-R |
| AGC-V-1/6-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-1/10-R | AGC-V-4-R | AGC-V-20-R |
| AGC-V-3/10-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-35-R |
| AGC-V-1-R | AGC-V-7-1/2-R | AGC-V-40-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-3/10-R | AGC-2-1/4-R | AGC-12-R |
| AGC-1/4-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-3/6-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-35-R |
| AGC-1-R | AGC-7-1/2-R | AGC-40-R |

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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 1/2-3A @ 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)

*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-1-1/2-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-1-1/2-R | ABC-7-R | ABC-25-R |
| ABC-2-R | ABC-8-R | ABC-30-R |
| ABC-2-1/2-R | ABC-10-R | |

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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)

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 | |

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Electronic fuses

AGC (AGC-V axial leads)

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Amps — 1/20-40A

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- 100A (1 1/4-3A @ 250Vac)
- 200A (4-10A @ 250Vac)
- 10kA (1/20-10A @ 125Vac)
- 1000A (12-40A @ 32Vac)

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

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- Electronic circuits

Catalog numbers (amps)

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| | | |
|--------------|---------------|------------|
| 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-1/6-R | AGC-V-2-1/2-R | AGC-V-12-R |
| AGC-V-1/6-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-1/10-R | AGC-V-4-R | AGC-V-20-R |
| AGC-V-3/16-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-35-R |
| AGC-V-1-R | AGC-V-7-1/2-R | AGC-V-40-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-3/16-R | AGC-2-1/4-R | AGC-12-R |
| AGC-1/4-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-3/6-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-35-R |
| AGC-1-R | AGC-7-1/2-R | AGC-40-R |

Data Sheet: 2543



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Amps — 1/4-30A

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- 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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**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.

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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-1-1/2-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-1-1/2-R | ABC-7-R | ABC-25-R |
| ABC-2-R | ABC-8-R | ABC-30-R |
| ABC-2-1/2-R | ABC-10-R | |

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Ratings:

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

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 | |

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Electronic fuses