

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-3/16-R	AGC-V-2-1/2-R	AGC-V-12-R
AGC-V-1/8-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-3/8-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-2-1/2-R	AGC-12-R
AGC-1/8-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-3/8-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



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-3/8-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-3/8-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	

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)

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

Electronic 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 (12-40A)
- 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-3/16-R	AGC-V-2-1/2-R	AGC-V-12-R
AGC-V-1/8-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-3/8-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-2-1/2-R	AGC-12-R
AGC-1/8-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-3/8-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



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-3/8-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-3/8-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	

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)

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



Electronic fuses