

# AGX

## 1/4" x 1" Fast-acting glass tube fuses



### Product features

- Fast-acting glass tube fuse
- 1/4" x 1" (6.3 x 25.4mm) physical size
- Glass tube, nickel-plated brass endcap construction
- For instruments, electronic and small appliance circuits
- UL Listed product meets standard 248-14

### Agency information

- IcULus: AGX 0-10A (Guide JDYX, File E 19180 and Guide JDYX7, File E19180)
- UL Recognized Card: AGX 15-30A (Guide JDYX2, File E19180)
- CSA Component Acceptance Card : AGX 15-30A (Class No. 1422-01, File 53787)

### Ordering information

- Insert packaging code prefix before part number, e.g., BK/AGX-1

| Electrical Characteristics |                 |                 |
|----------------------------|-----------------|-----------------|
| Rated Current              | % of Amp Rating | Opening Time    |
| 1/10 - 30A                 | 110%            | 4 hours. min.   |
|                            | 135%            | 60 minutes max. |
| 1/10 - 2A                  | 200%            | 5 seconds max.  |
| 2.5 - 30A                  | 200%            | 2 minutes max.  |

| Specifications        |                       |                            |        |       |                                 |        |                  |       |
|-----------------------|-----------------------|----------------------------|--------|-------|---------------------------------|--------|------------------|-------|
| Part Number<br>(Amps) | Voltage<br>Rating Vac | Interrupting rating (amps) |        |       | Typical DC Cold Resistance (Ω)* |        | Agency Approvals |       |
|                       |                       | 250Vac                     | 125Vac | 32Vac | Lower                           | Upper  | cULus            | cURus |
| AGX-1/10              | 250                   | 35                         | 10,000 | -     | N/A                             | N/A    | X                | -     |
| AGX-1/8               | 250                   | 35                         | 10,000 | -     | 7.610                           | 10.293 | X                | -     |
| AGX-3/16              | 250                   | 35                         | 10,000 | -     | 3.086                           | 4.176  | X                | -     |
| AGX-3/10              | 250                   | 35                         | 10,000 | -     | 2.918                           | 3.948  | X                | -     |
| AGX-1/4               | 250                   | 35                         | 10,000 | -     | 1.010                           | 1.366  | X                | -     |
| AGX-3/10              | 250                   | 35                         | 10,000 | -     | 0.789                           | 1.067  | X                | -     |
| AGX-3/8               | 250                   | 35                         | 10,000 | -     | 0.547                           | 0.740  | X                | -     |
| AGX-1/2               | 250                   | 35                         | 10,000 | -     | 0.514                           | 0.568  | X                | -     |
| AGX-1/2               | 250                   | 35                         | 10,000 | -     | 0.318                           | 0.431  | X                | -     |
| AGX-3/4               | 250                   | 35                         | 10,000 | -     | 0.158                           | 0.215  | X                | -     |
| AGX-1                 | 250                   | 35                         | 10,000 | -     | 0.111                           | 0.150  | X                | -     |
| AGX-1 1/4             | 250                   | 100                        | 10,000 | -     | 0.080                           | 0.109  | X                | -     |
| AGX-1 1/2             | 250                   | 100                        | 10,000 | -     | 0.064                           | 0.086  | X                | -     |
| AGX-2                 | 250                   | 100                        | 10,000 | -     | 0.041                           | 0.055  | X                | -     |
| AGX-2 1/2             | 250                   | 100                        | 10,000 | -     | 0.031                           | 0.043  | X                | -     |
| AGX-3                 | 250                   | 100                        | 10,000 | -     | 0.027                           | 0.036  | X                | -     |
| AGX-4                 | 250                   | 200                        | 10,000 | -     | 0.021                           | 0.028  | X                | -     |
| AGX-5                 | 250                   | 200                        | 10,000 | -     | 0.014                           | 0.019  | X                | -     |
| AGX-6                 | 250                   | 200                        | 10,000 | -     | 0.011                           | 0.015  | X                | -     |
| AGX-7                 | 250                   | 200                        | 10,000 | -     | 0.009                           | 0.015  | X                | -     |
| AGX-8                 | 250                   | 200                        | 10,000 | 1000  | 0.008                           | 0.011  | X                | -     |
| AGX-10                | 250                   | 200                        | 10,000 | 1000  | 0.006                           | 0.008  | X                | -     |
| AGX-15**              | 250                   | 200                        | 200    | 1000  | 0.004                           | 0.005  | -                | X     |
| AGX-20**              | 250                   | 200                        | 200    | 1000  | 0.003                           | 0.003  | -                | X     |
| AGX-25***             | 125                   | -                          | 100    | 1000  | 0.002                           | 0.003  | -                | X     |
| AGX-30***             | 125                   | -                          | 100    | 1000  | 0.002                           | 0.002  | -                | X     |

\* Typical DC Cold Resistance (Measured at <10% of rated current).

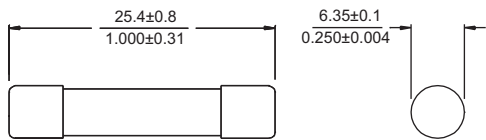
\*\* Component Recognized rating 125V & 250V.

\*\*\* Component Recognized rating 125V.

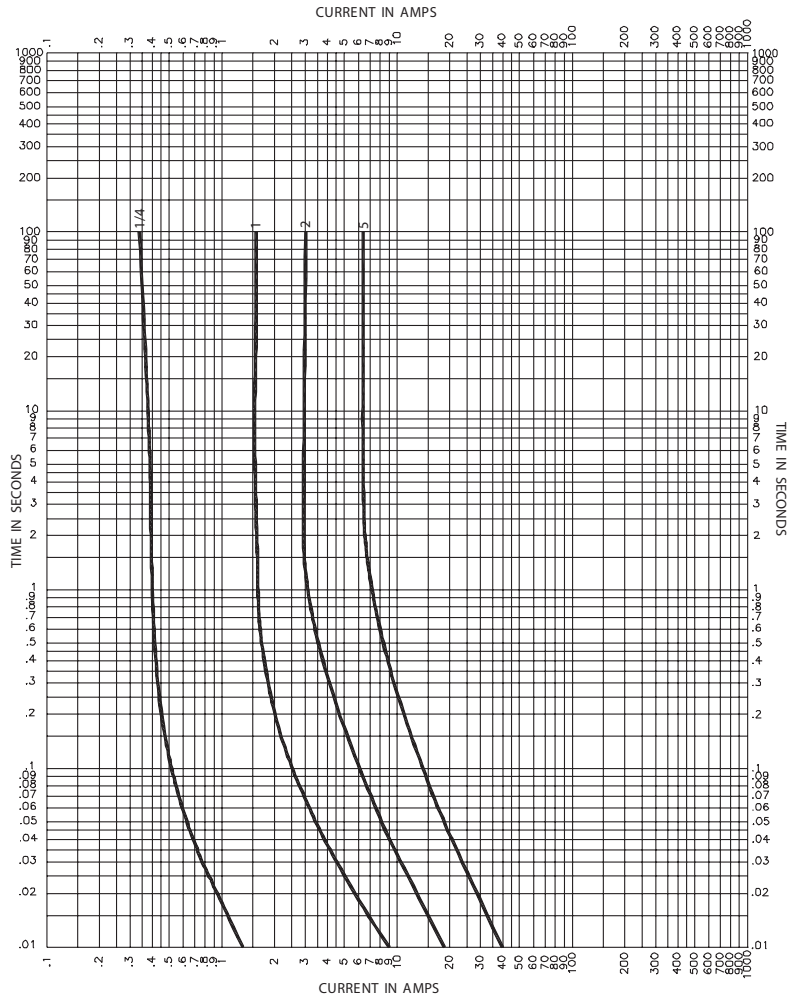


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Dimensions - mm (in)



Time-Current Curves



| Packaging             |  |
|-----------------------|--|
| Packaging Code Prefix | Description                              |
| BK                    | 100 fuses packed into a cardboard carton |

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**Eaton**  
**Electronics Division**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
www.eaton.com/electronics

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