



1/4" x 1-1/4" Fuses ABC Series, Fast Acting, Ceramic Tube

Description

- Fast-acting, ceramic tube
- Optional leaded version available
- 1/4 x 1-1/4 (6.3mm x 32mm) physical size
- Ceramic tube, nickel-plated brass endcap construction
- UL Listed product meets standard 248-14

| ELECTRICAL CHARACTERISTICS | | | | |
|----------------------------|---------------------|--|--|--|
| % of Amp Rating | Opening Time | | | |
| 110% | 4 Hours Minimum | | | |
| 135% | 60 Minutes maximum | | | |
| 200% | 120 Seconds Maximum | | | |

Approvals

- UL Listed Guide & File numbers (ABC 1/4 15A): JDYX & E19180.
- UL Recognition Guide & File numbers (ABC 20 30A): JDYX2 & E19180.
- CSA Certification Record No: 053787 C 000 & Class No: 1422 01 & 1422 30.

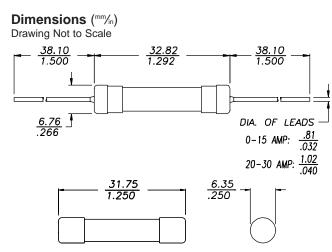
Environmental Data

- Shock: 1/4A and 1/2A MIL-STD-202, Method 213, Test Condition I; 1A thru 30A – MIL-STD-202, Method 207, (HI Shock)
- Vibration: 1/4A thru 30A MIL-STD-202, Method 204, Test Condition C (Except 5g, 500HZ)

Ordering

· Specify product code, option code and packaging code





| | SPECIFICATIONS | | | | | | | | |
|-----------|----------------|-----------------------------|------|----------|---------|-----------------|-------------------------|--------------------|--------------|
| Product | Vol | Itage AC Interrupting DC In | | DC Inter | rupting | Typical DC Cold | Typical Melting I²t† | Typical Voltage | |
| Code | Rating | | Ra | Rating | | ing | | | Resistance** |
| | AC | DC | 250V | 125V | 125V | 75V | (ohms) | AC | Drop‡ |
| ABC-1/4 | 250V | 125V | 35A | 10000A | 10000A | - | 3.000 | 0.02 | 3.25 |
| ABC-1/2 | 250V | 125V | 35A | 10000A | 10000A | • | 0.788 | 0.19 | 0.51 |
| ABC-3/4 | 250V | 125V | 35A | 10000A | 10000A | - | 0.303 | 0.8 | 0.42 |
| ABC-1 | 250V | 125V | 35A | 10000A | 10000A | - | 0.197 | 1.4 | 0.35 |
| ABC-1-1/2 | 250V | 125V | 100A | 10000A | 10000A | • | 0.1175 | 2.9 | 0.35 |
| ABC-2 | 250V | 125V | 100A | 10000A | 10000A | - | 0.0755 | 4.2 | 0.25 |
| ABC-2-1/2 | 250V | 125V | 100A | 10000A | 10000A | - | 0.05875 | 8.53 | 0.26 |
| ABC-3 | 250V | 125V | 100A | 10000A | 10000A | • | 0.0435 | 19.5 | 0.25 |
| ABC-4 | 250V | 125V | 200A | 10000A | 10000A | • | 0.02975 | 29.1 | 0.25 |
| ABC-5 | 250V | 125V | 200A | 10000A | 10000A | - | 0.0286 | 16.4 | 0.23 |
| ABC-6 | 250V | 125V | 200A | 10000A | 10000A | • | 0.02315 | 31.6 | 0.24 |
| ABC-7 | 250V | 125V | 200A | 10000A | 10000A | - | 0.0183 | 73.2 | 0.20 |
| ABC-8 | 250V | 125V | 200A | 10000A | 10000A | - | 0.0146 | 111.9 | 0.17 |
| ABC-10 | 250V | 125V | 200A | 10000A | 10000A | • | 0.01205 | 215.6 | 0.15 |
| ABC-12 | 250V | 125V | 750A | 10000A | 10000A | • | 0.0068 | 129.6 | 0.11 |
| ABC-15 | 250V | 125V | 750A | 10000A | 10000A | - | 0.005425 | 200.2 | 0.12 |
| ABC-20 | 250V | 125V | 400A | 1000A | 10000A | - | 0.00366 | 550.8 | 0.13 |
| ABC-25 | 125V | 125V | - | 1000A | 400A | 1000A | 0.00263 | 839.3 | 0.12 |
| ABC-30 | 125V | 125V | - | 1000A | 400A | 1000A | 0.002225 | 1,429 | 0.14 |

^{**} DC Cold Resistance (Measured at ≤10% of rated current)

[†] Typical Melting I²t (A²Sec) (I²t was measured at listed interrupting rating and rated voltage. Measured at 70% to 80% power factor on AC)

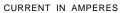
Typical Voltage Drop (Voltage drop was measured at 25°C±3°C ambient temperature at rated current)

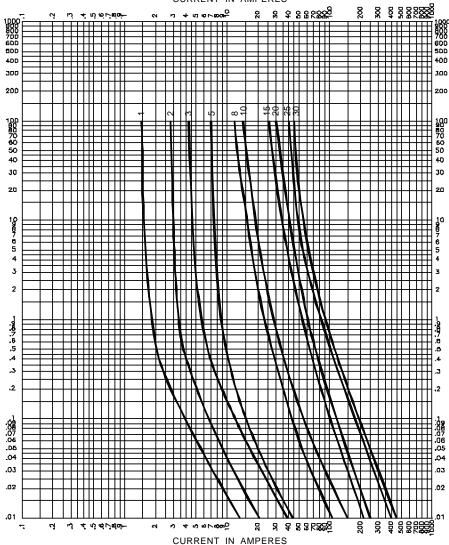




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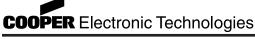
TIME CURRENT CURVE





| OPTION CODE | | |
|-------------|---|--|
| Option Code | Description | |
| В | Board Washable - Hermetically sealed to withstand aqueous cleaning | |
| V | Axial leads - brass overcaps with copper and nickel flash, plated in tin lead | |

| PACKAGING CODE | | | | | |
|----------------|--|--|--|--|--|
| Packaging Code | Description | | | | |
| BK | 100 pieces of fuses packed into a cardboard carton with flaps folded | | | | |
| BK1 | 1,000 pieces of fuses packed into a cardboard carton with flaps folded | | | | |
| BK8 | 8,000 pieces of fuses packed into a cardboard carton with flaps folded | | | | |



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