

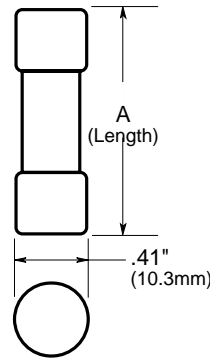
Time-Delay Fuses

Class G - 600 Volt, 1/2 - 20 Amps

480 Volt, 25 - 60 Amps



Dimensional Data



Catalog Symbol: SC
 Current-Limiting
 Ampere Rating: 1/2 to 60A (fast-acting),
 7 to 60A (time-delay)
 Voltage Ratings:
 SC 1/2 to 20 600Vac, 170Vdc
 SC 25 to 60 480Vac, 300Vdc
 Interrupting Rating: 100,000A RMS Sym. AC, 10,000A dc
 Agency Information:
 UL Listed, Std. 248-5, Class G, Guide JDDZ, File E4273
 CSA Certified, C22.2 No. 248.5, Class 1422-01, File 53787

| Fuse (Amps) | A |
|--------------|-------|
| SC-1/2 to 15 | 1.31" |
| SC-20 | 1.41" |
| SC-25 to 30 | 1.62" |
| SC-35 to 60 | 2.25" |

Catalog Numbers

| | | |
|----------|-------|-------|
| SC-1/2 | SC-6 | SC-25 |
| SC-1 | SC-7 | SC-30 |
| SC-1 1/2 | SC-8 | SC-35 |
| SC-2 | SC-9 | SC-40 |
| SC-2 1/2 | SC-10 | SC-45 |
| SC-3 | SC-12 | SC-50 |
| SC-4 | SC-15 | SC-60 |
| SC-5 | SC-20 | — |


Carton Quantity and Weight

| Catalog Number | Carton Qty. | Weight† | |
|----------------|-------------|---------|--------|
| | | Lbs. | Kg. |
| 1/2-15 | 4 | 0.060 | 0.0272 |
| 20 | 4 | 0.064 | 0.029 |
| 25-30 | 2 | 0.040 | 0.018 |
| 35-60 | 2 | 0.075 | 0.0340 |

†Weight per carton.

General Information:

- Compact branch-circuit units with high interrupting rating and current-limitation.
- With 600V rating, they can be used in 120/208, 120/240 and 277/480V circuits.
- Length variations relative to case size make the "rejection" type fuses.
- In general, SC fuses are about 1/3 the size of the 600V NEC fuse type.
- SC fuses with ampere ratings above 6A have a degree of overload time-delay which permits them to pass temporary overloads. At 200% load, they have a minimum opening time of 12 seconds.



Recommended fuseblocks/fuseholders for Class G fuses
 See Data Sheets listed below

- Open fuseblocks - 1106
- In-line fuseholders - 1123, 1124

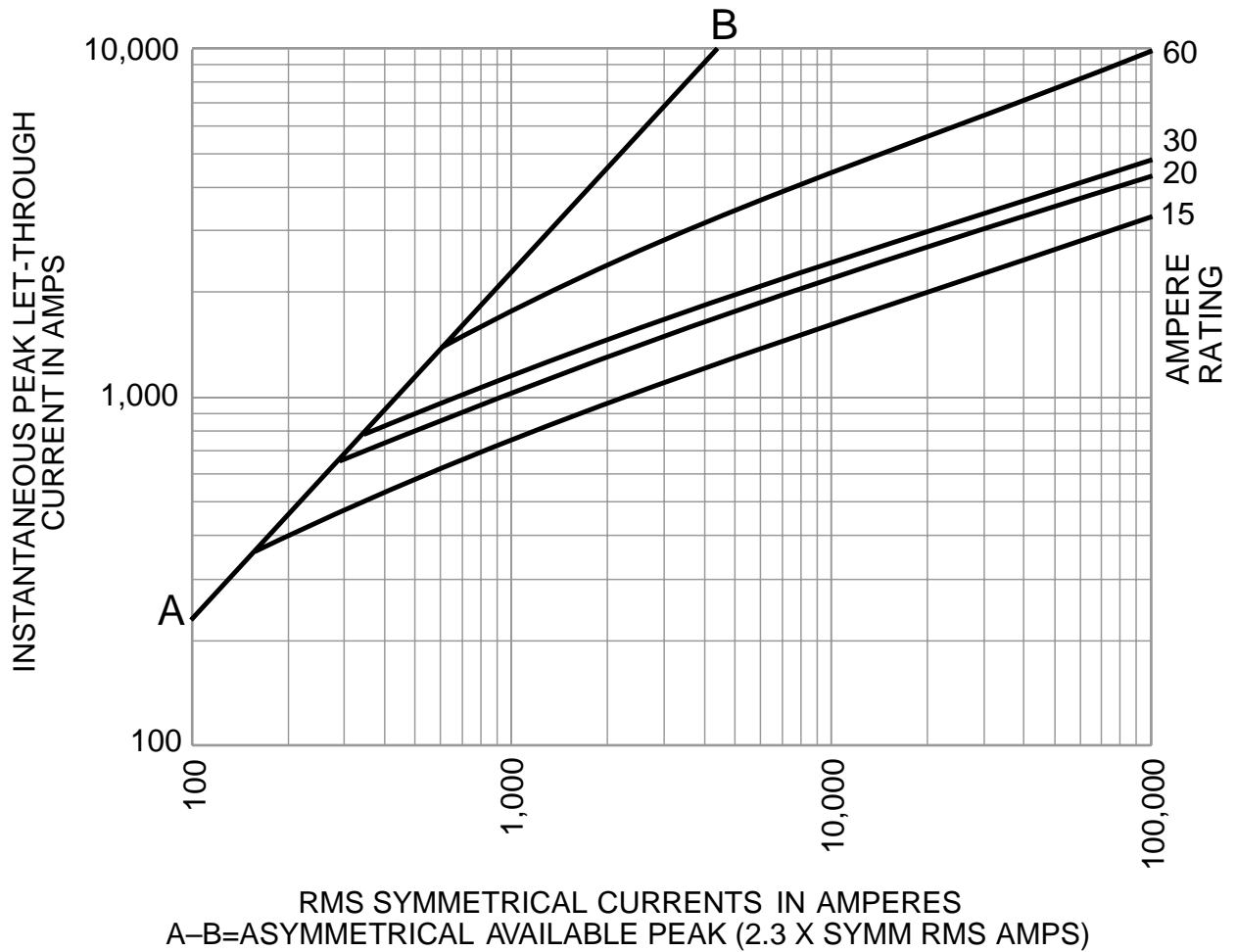
CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

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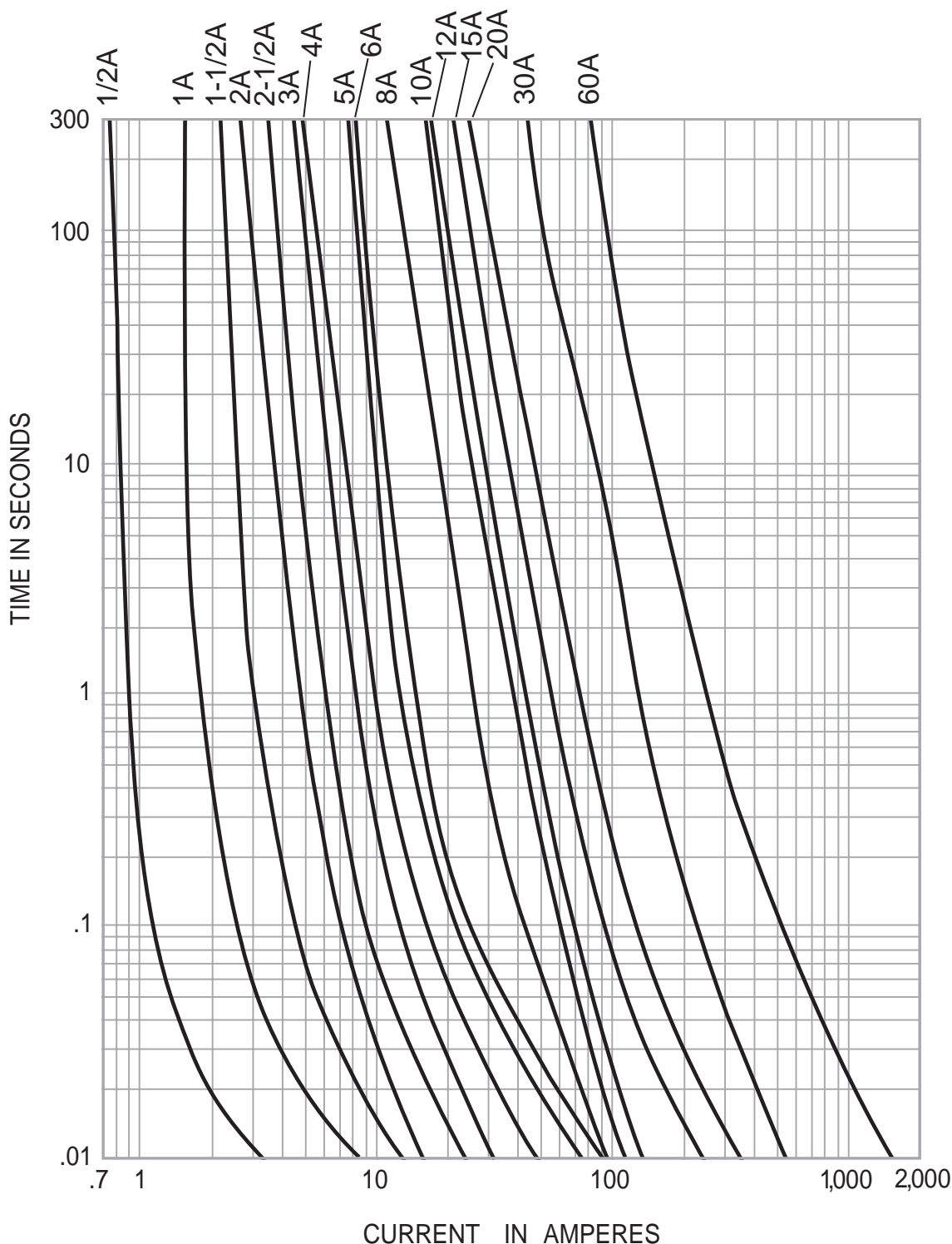
Peak Let-Through Curves



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Time-Current Characteristic Curves- Total Clearing



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