



**Fuses for Semiconductor Protection**  
Cylindrical Fuses

Size **10 x 38 mm**      Rated Voltage **AC 660 V (IEC) · AC 700 V (UL)**

Class **gR**

Rated Current [A]	Part No.	UL Rec. CSA	Weight [kg/100]	Pack
1	50 179 06.1	✓ ✓	0.9	10
2	50 179 06.2	✓ ✓	0.9	10
4	50 179 06.4	✓ ✓	0.9	10
5	50 179 06.5	✓ ✓	0.9	10
6	50 179 06.6	✓ ✓	0.9	10
8	50 179 06.8	✓ ✓	0.9	10
10	50 179 06.10	✓ ✓	0.9	10
12	50 179 06.12	✓ ✓	0.9	10
16	50 179 06.16	✓ ✓	0.9	10
20	50 179 06.20	✓ ✓	0.9	10
25	50 179 06.25	✓ ✓	0.9	10
30	50 179 06.30	✓ ✓	0.9	10

Size **10 x 38 mm**      Rated Voltage **AC/DC 1000 V**      **DMI Fuse for Digital Measuring Instruments**

Class **aR**

Rated Current [A]	Part No.	UL Rec.	Weight [kg/100]	Pack
4	50 199 06.4		0.9	10
6	50 199 06.6		0.9	10
8	50 199 06.8		0.9	10
<b>10</b>	<b>50 199 06.10</b>		<b>0.9</b>	<b>10</b>
12	50 199 06.12		0.9	10
16	50 199 06.16		0.9	10

Size **10 x 35 mm**      Rated Voltage **AC/DC 1000 V**      **DMI Fuse for Digital Measuring Instruments**

Class **aR**

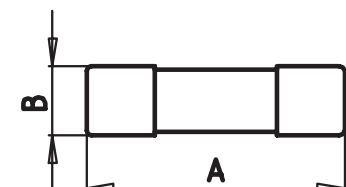
Rated Current [A]	Part No.	UL Rec.	Weight [kg/100]	Pack
0.2	50 210 06.0.2		0.8	10
0.25	50 210 06.0.25		0.8	10
0.315	50 210 06.0.315		0.8	10
0.4	50 210 06.0.4		0.8	10
0.44	50 210 06.0.44		0.8	10

Part No.  
**50 179 06 + 50 199 06**

**A 1.50" (38 mm)**  
**B 0.40" (10 mm)**

Part No.  
**50 210 06**

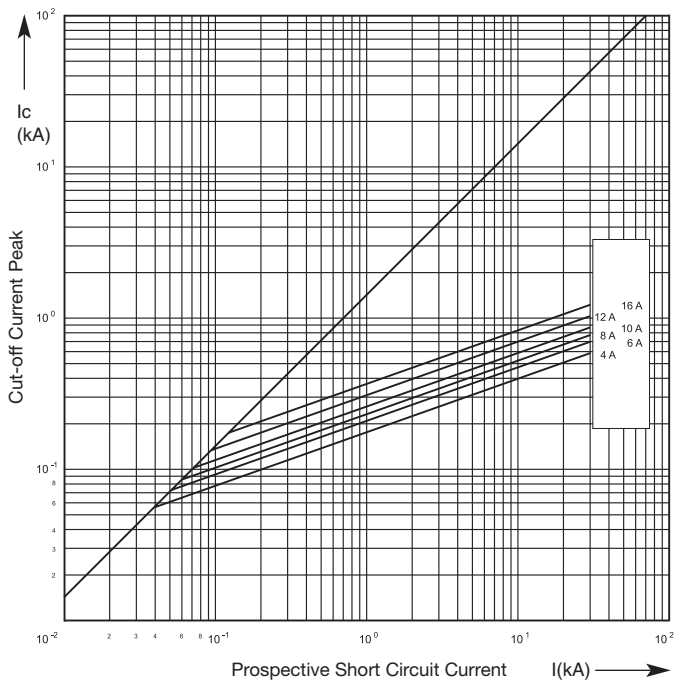
**A 1.38" (35 mm)**  
**B 0.40" (10 mm)**



Size **10 x 38 mm**      Rated Voltage **AC/DC 1000 V**      DMI      Rated Breaking Capacity **30 kA (cos phi 0.5 / L/R = 1 ms)**

Rated Current [A]	Part No.	Power Loss [W]	Pre-arcing I <sup>2</sup> t-value [A <sup>2</sup> s]	Total I <sup>2</sup> t-value @ AC 1000 V [A <sup>2</sup> s]	Total I <sup>2</sup> t-value @ DC 1000 V [A <sup>2</sup> s]
4	50 199 06.4	0.5	3	35	18
6	50 199 06.6	0.7	5	55	28
8	50 199 06.8	1.1	7	79	40
<b>10</b>	<b>50 199 06.10</b>	<b>1.5</b>	<b>10</b>	<b>106</b>	<b>53</b>
12	50 199 06.12	1.6	17	180	90
16	50 199 06.16	2.1	30	320	160

Cut-Off Characteristics



Time-Current Characteristics

