

Jumper Breaker (0.5A, 1A, 3A, 5A)

Part No.	Rated Current
15-510-005	0.5A
15-510-010	1A
15-510-030	3A
15-510-050	5A

Application:

When troubleshooting a controller, sometimes jumpers are used to isolate parts of the circuit. Often times the placement of the jumper can blow a fuse in the controller. Typically, the jumper will be used in place of the fuse for troubleshooting. After the circuit is functioning correctly, the fuse will be replaced.

Electrical Data @ 25°C

Calibration: Will continuously carry 100% of rating.

3-20 amp models – may trip between 101% and 134%, but must trip at 135% of rating within one hour at +25°C.

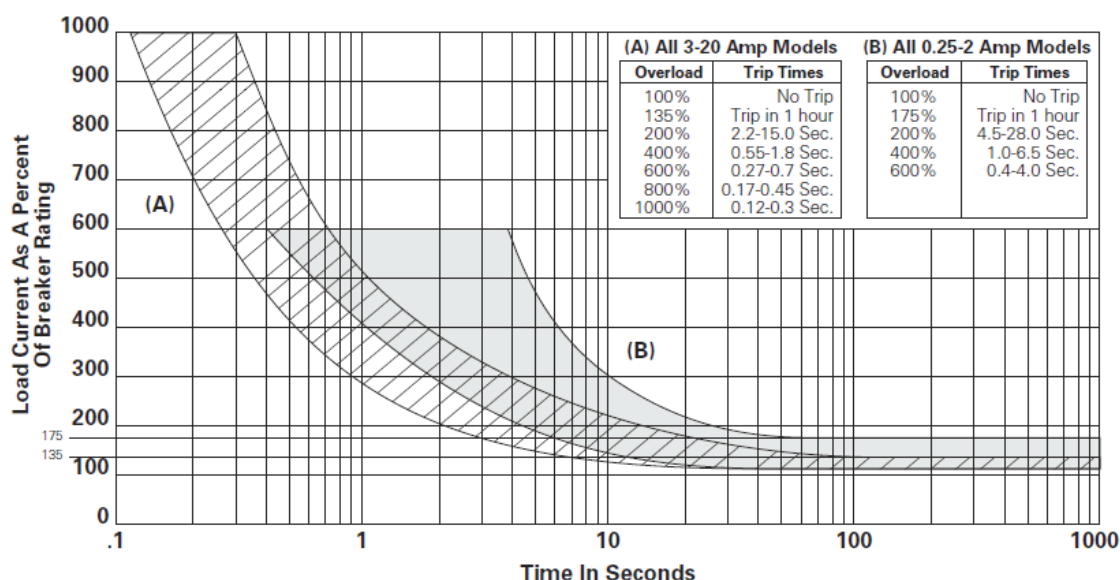
0.25-2 amp models – may trip between 101% and 174%, but must trip at 175% of rating within one hour at +25°C.

Dielectric Strength: Over 1,500 volts RMS.

Maximum Operating Voltages: 32VDC; 250VAC, 50/60 Hz.

Interrupt Capacity: 1,000 amps at 250VAC, 50/60 Hz. and 32VDC in accordance with UL standard 1077.

Time vs. Current Trip Curve @ +25°C



Typical Resistance vs. Current Rating @ +25°C

Current Rating in Amps	Typical Resistance in Ohms	Current Rating in Amps	Typical Resistance in Ohms
0.25	14.0	8.0	0.016
0.50	3.55	9.0	0.014
0.75	2.0	10.0	0.011
1.0	0.89	11.0	0.01
2.0	0.17	12.0	0.009
3.0	0.069	13.0	0.009
4.0	0.043	14.0	0.007
5.0	0.030	15.0	0.007
6.0	0.026	16.0	0.007
7.0	0.017	20.0	0.006