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Figure 1-2. (a) 75A (b) 80A (c) 100A (d) 125A Answer: (c) 100A. Step 1: Convert 125 percent to a decimal: 1.25 Step 2: Multiply the value of the 80A load by 1.25 = 100A. c Example 2. Question: The maximum continuous load on an overcurrent device is limited to 80 percent of the device rating.

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Amp - amps are the units of current. One amp represents how much current one volt can push through one ohm of resistance. Watt - a watt is one unit of electrical power or energy. One amp and one volt will produce one watt. This means that one amp of current being forced by one volt will produce one watt of power.

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