

**Table SB4.1**  
**Assumed maximum short circuit current rating for unmarked components**  
 Table SB4.1 revised, effective date to be determined

<b>Component</b>	<b>Short circuit current rating, kA</b>
Bus bars	10
Circuit breaker (including GFCI type)	5
Current meters	a
Current shunt	10
Fuseholder	10
Industrial control equipment:	
a. Auxiliary devices (overload relay)	5
b. Switches (other than mercury tube type)	5
c. Mercury tube switches	
Rated over 60 amperes or over 250 volts	5
Rated 250 volts or less, 60 amperes or less, and over 2 kVA	3.5
3.5	
Rated 250 volts or less and 2 kVA or less 1	1
Motor controllers, (including combination motor controllers, float and pressure operated motor controllers, power conversion equipment and solid state motor controllers), rated in horsepower (kW)	
a. 0 – 50 (0 – 37.3)	5 <sub>c</sub>
b. 51 – 200 (38 – 149)	10 <sub>c</sub>
c. 201 – 400 (150 – 298)	18 <sub>c</sub>
d. 401 – 600 (299 – 447)	30 <sub>c</sub>
e. 601 – 900 (448 – 671)	42 <sub>c</sub>
f. 901 – 1500 (672 – 1193)	85 <sub>c</sub>
Meter socket base	10
Miniature or miscellaneous fuse	10 <sub>b</sub>
Receptacle (GFCI type)	2
Receptacle (other than GFCI type)	10
Supplementary protector	0.2
Switch unit	5
Terminal block or power distribution block	10

a A short circuit current rating is not required when connected via a current transformer or current shunt. A directly connected current meter shall have a marked short circuit current rating.

b The use of a miniature fuse is limited to 125-volt circuits.

c Standard fault current rating for motor controller rated within specified horsepower range.

## **SB4.2 Short circuit current ratings of individual power circuit components**

**SB4.2.1** All power circuit components, including disconnect switches, branch circuit protective devices, branch circuit fuseholders, load controllers, motor overload relays, terminal blocks, and bus bars, shall have a short circuit current rating expressed in amperes or kiloamperes and voltage.

**Exception No. 1:** Power transformers, reactors, current transformers, dry-type capacitors, resistors, varistors, and voltmeters are not required to have a short circuit current rating.