

Selection guide

Minimum size flexible braid for continuous current applications

Cat. no.	Circular mils	Amperage capacity
FBB12-1	24,000	95
FBC12-1	48,000	145
FBD12-1	76,800	190
FBD12	76,800	190
FB2D12-1	153,600	330
FB2D12	153,600	630
FB3D12-1	230,400	470
FB312	230,400	470
FBXD12-1	105,600	235
FBXD12	105,600	235
FB2XD12-1	211,200	400
FB2XD12	211,200	400
FB3XD12-1	316,800	600
FB3XD12	316,800	600



Cat. no.	Circular mils	Amperage capacity
FBE12-1	168,000	340
FBE12	168,000	340
FB2E12-1	336,000	530
FB2E12	336,000	530
FB3E12	504,000	700
FB4E12	672,000	805
FBF12	230,400	360
FB2F12	460,800	600
FB3F12	691,200	820
FB4F12	921,600	1,000
FBG12	307,200	415
FB2G12	614,400	700
FB3G12	921,600	760
FB4G12	1,228,800	1,200

Grounding and bonding information

Minimum size conductors for bonding raceways and equipment

Rating or setting of overcurrent device in circuit ahead of equipment, conduit, etc. not exceeding amperes	Copper wire circular mils
200	26,240 (6 AWG)
300	41,740 (4 AWG)
400	52,620 (3 AWG)
500	66,360 (2 AWG)
600	83,690 (1 AWG)
800	105,600 (1/0)
1,000	133,100 (2/0)
1,200	167,800 (3/0)
1,600	211,600 (4/0)
2,000	250,000
2,500	350,000
3,000	400,000
4,000	500,000
5,000	700,000
6,000	800,000

Based on table 16 CEC

Minimum size of bare copper grounding conductor

Maximum available short circuit current amperes	Maximum fault duration with exothermic weld, compression or bolted joint	
	0.5 second circular mils	1.0 second circular mils
5,000	26,240	41,740
10,000	52,620	83,690
15,000	83,690	105,600
20,000	105,600	167,800
25,000	133,100	211,600
35,000	211,600	250,000
40,000	211,600	300,000
50,000	250,000	350,000
60,000	30,000	500,000
70,000	350,000	600,000
80,000	400,000	600,000
90,000	500,000	700,000
100,000	500,000	700,000

Based on table 51 CEC
Size calculated in accordance with IEEE No. 80.