

BMS13-XX

BMS
SPECIFICATION

TXX

CONSTRUCTION

CXX

NUMBER
OF
CONDUCTORS

GXXX

AWG

TYPE	CLASS		WIRE SIZE (AWG)		INSULATION THICKNESS (MIL)	CONDUCTOR		SHIELD		JACKET	TEMPERATURE RATING (DEGREES C)	
	MIN	MAX	MIN	MAX		MATERIAL	COATING	MATERIAL	COATING		MIN	MAX
1	1	5	24	10	6	Annealed Copper	Tin	--	--	--	-65	150
2	1	5	24	16	6	High Strength Copper Alloy	Nickel	--	--	--	-65	150
3	1	5	24	10	6	Annealed Copper	Tin	Copper	Tin	ETFE	-65	150
4	2	5	24	12	6	Annealed Copper	Tin	--	--	ETFE	-65	150
5	1	5	24	16	6	High Strength Copper Alloy	Silver	--	--	--	-65	150
6	1	5	24	16	6	High Strength Copper Alloy	Silver	Copper	Tin	ETFE	-65	150
7	2	5	24	16	6	High Strength Copper Alloy	Silver	--	--	ETFE	-65	150
8	1	6	24	4/0	10	Annealed Copper	Tin	--	--	--	-65	150
9	1	6	24	16	10	High Strength Copper Alloy	Silver	--	--	--	-65	150
10	1	7	24	4/0	8	Annealed Copper	Tin	--	--	--	-65	150
11	1	6	24	16	8	High Strength Copper Alloy	Silver	--	--	--	-65	150
12	1	4	24	8	8	Annealed Copper	Tin	Copper	Tin	ETFE	-65	150
13	1	6	24	16	8	High Strength Copper Alloy	Silver	Copper	Tin	ETFE	-65	150
14	2	5	24	12	8	Annealed Copper	Tin	--	--	ETFE	-65	150
15	1	4	24	12	10	Annealed Copper	Tin	Copper	Tin	ETFE	-65	150
16	1	6	24	10	15	Annealed Copper	Tin	--	--	--	-65	150
17	2	5	20	12	15	Annealed Copper	Tin	--	--	ETFE	-65	150
18	1	4	20	12	15	Annealed Copper	Tin	Copper	Tin	ETFE	-65	150
19	1	6	24	16	15	High Strength Copper Alloy	Silver	--	--	--	-65	150
20	2	5	20	18	15	High Strength Copper Alloy	Silver	--	--	ETFE	-65	150
21	1	4	20	18	15	High Strength Copper Alloy	Silver	Copper	Tin	ETFE	-65	150
22	1	6	24	16	15	High Strength Copper Alloy	Nickel	--	--	--	-65	150
23	1	6	24	16	10	High Strength Copper Alloy	Nickel	--	--	--	-65	150
24	1	4	24	16	10	High Strength Copper Alloy	Nickel	Copper	Tin	ETFE	-65	150
25	1	5	24	12	6	Annealed Copper	Tin	Flat Copper	Tin	ETFE	-65	150
26	1	5	24	16	6	High Strength Copper Alloy	Nickel	Flat Copper	Tin	ETFE	-65	150
27	1	4	24	12	8	Annealed Copper	Tin	Flat Copper	Tin	ETFE	-65	150
28	1	5	24	16	8	High Strength Copper Alloy	Silver	Flat Copper	Tin	ETFE	-65	150

TYPE	CLASS		WIRE SIZE (AWG)		INSULATION THICKNESS (MIL)	CONDUCTOR		SHIELD		JACKET	TEMPERATURE RATING (DEGREES C)	
	MIN	MAX	MIN	MAX		MATERIAL	COATING	MATERIAL	COATING		MIN	MAX
29	1	5	24	16	6	High Strength Copper Alloy	Nickel	Copper	Tin	ETFE	-65	150
30	2	5	24	16	6	Annealed Copper	Nickel	--	--	ETFE	-65	150
31	1	6	24	16	8	High Strength Copper Alloy	Nickel	--	--	--	-65	150
32	1	6	24	16	8	High Strength Copper Alloy	Nickel	Copper	Tin	ETFE	-65	150
33	2	5	20	18	15	High Strength Copper Alloy	Nickel	--	--	ETFE	-65	150
34	1	4	20	18	15	High Strength Copper Alloy	Nickel	Copper	Tin	ETFE	-65	150
35	1	6	24	12	8	Annealed Copper	Silver	--	--	--	-65	150
36	1	6	24	12	8	Annealed Copper	Silver	Copper	Tin	ETFE	-65	150
37	1	4	24	16	8	High Strength Copper Alloy	Nickel	Double Copper Braid	Tin	ETFE	-65	150
38	1	4	22	10	8	Annealed Copper	Tin	Double Copper Braid	Tin	ETFE	-65	150
39	1	4	24	16	8	High Strength Copper Alloy	Nickel	Flat Copper	Tin	ETFE	-65	150
40	1	5	22	10	6	Annealed Copper	Tin	Copper	Nickel	ETFE	-65	150
41	1	5	24	16	6	High Strength Copper Alloy	Silver	Copper	Nickel	ETFE	-65	150
42	1	6	22	8	8	Annealed Copper	Tin	Copper	Nickel	ETFE	-65	150
43	1	6	24	8	8	High Strength Copper Alloy	Silver	Copper	Nickel	ETFE	-65	150
44	1	4	22	10	10	Annealed Copper	Tin	Copper	Nickel	ETFE	-65	150
45	1	4	20	12	15	Annealed Copper	Tin	Copper	Nickel	ETFE	-65	150
46	1	4	20	18	15	High Strength Copper Alloy	Silver	Copper	Nickel	ETFE	-65	150
47	1	4	24	16	10	High Strength Copper Alloy	Nickel	Copper	Nickel	ETFE	-65	150
48	1	5	22	12	6	Annealed Copper	Tin	Flat Copper	Nickel	ETFE	-65	150
49	1	5	24	16	6	High Strength Copper Alloy	Nickel	Flat Copper	Nickel	ETFE	-65	150
50	1	4	22	12	8	Annealed Copper	Tin	Flat Copper	Nickel	ETFE	-65	150
51	1	5	24	16	8	High Strength Copper Alloy	Silver	Flat Copper	Nickel	ETFE	-65	150
52	1	5	24	16	6	High Strength Copper Alloy	Nickel	Copper	Nickel	ETFE	-65	150
53	1	6	24	16	8	High Strength Copper Alloy	Nickel	Copper	Nickel	ETFE	-65	150
54	1	4	20	18	15	High Strength Copper Alloy	Nickel	Copper	Nickel	ETFE	-65	150
56	1	4	24	16	8	High Strength Copper Alloy	Nickel	Copper	Nickel	ETFE	-65	150
57	1	4	22	10	8	Annealed Copper	Tin	Copper	Nickel	ETFE	-65	150
								Copper	Nickel			
								Copper	Nickel			
58	1	5	24	16	8	High Strength Copper Alloy	Nickel	Copper	Nickel	ETFE	-65	150
59	1	7	22	4/0	8	Annealed Copper	Nickel	--	--	--	-65	150

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	MIN	MAX	MIN	MAX		MATERIAL	COATING	MATERIAL	COATING		MIN	MAX
60	1	5	22	10	8	Annealed Copper	Nickel	Flat Copper	Nickel	ETFE	-65	150
61	1	6	22	8	8	Annealed Copper	Nickel	Copper	Nickel	ETFE	-65	150
62	1	4	22	10	8	Annealed Copper	Nickel	Copper	Nickel	ETFE	-65	150
								Copper	Nickel			
63	1	4	22	10	8	Annealed Copper	Nickel	Copper	Nickel	ETFE	-65	150
								Copper	Nickel	ETFE		
64	1	4	24	22	8	High Strength Copper Alloy	Nickel	Copper	Nickel	ETFE	-65	150
								Copper	Nickel	ETFE		
65	1	6	24	22	15	Annealed Copper	Nickel	---	---	---	-65	150