

COLOR CODE IDENTIFICATION FOR CONTROL CABLES

METHOD 1 - TABLE E1 COLOR SEQUENCE

TABLE E-1 (FORMERLY K-1) COLOR SEQUENCE

CONDUCTOR NUMBER	BASE COLOR	TRACER COLOR	CONDUCTOR NUMBER	BASE COLOR	FIRST TRACER COLOR	SECOND TRACER COLOR
1	BLACK		20	RED	GREEN	
2	WHITE		21	ORANGE	GREEN	
3	RED		22	BLACK	WHITE	RED
4	GREEN		23	WHITE	BLACK	RED
5	ORANGE		24	RED	BLACK	WHITE
6	BLUE		25	GREEN	BLACK	WHITE
7	WHITE	BLACK	26	ORANGE	BLACK	WHITE
8	RED	BLACK	27	BLUE	BLACK	WHITE
9	GREEN	BLACK	28	BLACK	RED	GREEN
10	ORANGE	BLACK	29	WHITE	RED	GREEN
11	BLUE	BLACK	30	RED	BLACK	GREEN
12	BLACK	WHITE	31	GREEN	BLACK	ORANGE
13	RED	WHITE	32	ORANGE	BLACK	GREEN
14	GREEN	WHITE	33	BLUE	WHITE	ORANGE
15	BLUE	WHITE	34	BLACK	WHITE	ORANGE
16	BLACK	RED	35	WHITE	RED	ORANGE
17	WHITE	RED	36	ORANGE	WHITE	BLUE
18	ORANGE	RED	37	WHITE	RED	BLUE
19	BLUE	RED				

Pair cables are Black, White and numbered. Triad cables are Black, White, Red and numbered

METHOD 1 - TABLE E2 COLOR SEQUENCE

TABLE E-2 (FORMERLY K-2) COLOR SEQUENCE

CONDUCTOR NUMBER	BASE COLOR	TRACER COLOR	CONDUCTOR NUMBER	BASE COLOR	TRACER COLOR
1	BLACK		19	ORANGE	BLUE
2	RED		20	YELLOW	BLUE
3	BLUE		21	BROWN	BLUE
4	ORANGE		22	BLACK	ORANGE
5	YELLOW		23	RED	ORANGE
6	BROWN		24	BLUE	ORANGE
7	RED	BLACK	25	YELLOW	ORANGE
8	BLUE	BLACK	26	BROWN	ORANGE
9	ORANGE	BLACK	27	BLACK	YELLOW
10	YELLOW	BLACK	28	RED	YELLOW
11	BROWN	BLACK	29	BLUE	YELLOW
12	BLACK	RED	30	ORANGE	YELLOW
13	BLUE	RED	31	BROWN	YELLOW
14	ORANGE	RED	32	BLACK	BROWN
15	YELLOW	RED	33	RED	BROWN
16	BROWN	RED	34	BLUE	BROWN
17	BLACK	BLUE	35	ORANGE	BROWN
18	RED	BLUE	36	YELLOW	BROWN

Pair cables are Black, Red and numbered. Triad cables are Black, Red, Blue and numbered. Colors repeat after 36 conductors. There are no Green or White conductors or stripes.

NOTE: THE DATA SHOWN IS AN APPROXIMATE AND SUBJECT TO STANDARD INDUSTRY TOLERANCE.



COLOR CODE IDENTIFICATION FOR CONTROL CABLES

METHOD 1 - TABLE E3 COLOR SEQUENCE

TABLE E-3 (FORMERLY K-3) COLOR SEQUENCE

CONDUCTOR NUMBER	FIRST TRACER COLOR e.g., WIDE TRACER	SECOND TRACER COLOR e.g., NARROW TRACER	CONDUCTOR NUMBER	FIRST TRACER COLOR e.g., WIDE TRACER	SECOND TRACER COLOR e.g., NARROW TRACER
1	BLACK		11	BLUE	BLACK
2	WHITE		12	BLACK	WHITE
3	RED		13	RED	WHITE
4	GREEN		14	GREEN	WHITE
5	ORANGE		15	BLUE	WHITE
6	BLUE		16	BLACK	RED
7	WHITE	BLACK	17	WHITE	RED
8	RED	BLACK	18	ORANGE	RED
9	GREEN	BLACK	19	BLUE	RED
10	ORANGE	BLACK	20	RED	GREEN
			21	ORANGE	GREEN

METHOD 1 - TABLE E4 COLOR SEQUENCE

TABLE E-3 (FORMERLY K-3) COLOR SEQUENCE

CONDUCTOR NUMBER	FIRST TRACER COLOR e.g., WIDE TRACER	SECOND TRACER COLOR e.g., NARROW TRACER	CONDUCTOR NUMBER	FIRST TRACER COLOR e.g., WIDE TRACER	SECOND TRACER COLOR e.g., NARROW TRACER
1	BLACK		19	ORANGE	BLUE
2	RED		20	YELLOW	BLUE
3	BLUE		21	BROWN	BLUE
4	ORANGE		22	BLACK	ORANGE
5	YELLOW		23	RED	ORANGE
6	BROWN		24	BLUE	ORANGE
7	RED	BLACK	25	YELLOW	ORANGE
8	BLUE	BLACK	26	BROWN	ORANGE
9	ORANGE	BLACK	27	BLACK	YELLOW
10	YELLOW	BLACK	28	RED	YELLOW
11	BROWN	BLACK	29	BLUE	YELLOW
12	BLACK	RED	30	ORANGE	YELLOW
13	BLUE	RED	31	BROWN	YELLOW
14	ORANGE	RED	32	BLACK	BROWN
15	YELLOW	RED	33	RED	BROWN
16	BROWN	RED	34	BLUE	BROWN
17	BLACK	BLUE	35	ORANGE	BROWN
18	RED	BLUE	36	YELLOW	BROWN

NOTE: THE DATA SHOWN IS AN APPROXIMATE AND SUBJECT TO STANDARD INDUSTRY TOLERANCE.



COLOR CODE IDENTIFICATION FOR CONTROL CABLES

METHOD 1 - TABLE E5 COLOR SEQUENCE

TABLE E-5 (FORMERLY K-5) COLOR SEQUENCE

CONDUCTOR NUMBER	BASE COLOR	FIRST TRACER COLOR	CONDUCTOR NUMBER	BASE COLOR	FIRST TRACER COLOR	SECOND TRACER COLOR
1	BLACK		20	RED	GREEN	
2	WHITE		21	ORANGE	GREEN	
3	RED		22	BLACK	WHITE	RED
4	GREEN		23	WHITE	BLACK	RED
5	ORANGE		24	RED	BLACK	WHITE
6	BLUE		25	GREEN	BLACK	WHITE
7	WHITE	BLACK	26	ORANGE	BLACK	WHITE
8	RED	BLACK	27	BLUE	BLACK	WHITE
9	GREEN	BLACK	28	BLACK	RED	GREEN
10	ORANGE	BLACK	29	WHITE	RED	GREEN
11	BLUE	BLACK	30	RED	BLACK	GREEN
12	BLACK	WHITE	31	GREEN	BLACK	ORANGE
13	RED	WHITE	32	ORANGE	BLACK	GREEN
14	GREEN	WHITE	33	BLUE	WHITE	ORANGE
15	BLUE	WHITE	34	BLACK	WHITE	ORANGE
16	BLACK	RED	35	WHITE	RED	ORANGE
17	WHITE	RED	36	ORANGE	WHITE	BLUE
18	ORANGE	RED	37	WHITE	RED	BLUE
19	BLUE	RED				

ICEA/NEMA METHOD 1

Colored insulation with contrasting ink tracers as required. Six different insulation colors and four different colored ink tracers are used to provide identification through 21 conductors. The same identification sequence may be used for cables containing more than 21 conductors.

ICEA/NEMA METHOD 2

A neutral colored compound is used with single or double spiral ink tracers as required to provide positive identification through 21 conductors. The identification sequence is repeated for cables containing more than 21 conductors.

ICEA/NEMA METHOD 3

A neutral or single colored insulation compound is surface ink printed with both conductor number and color designation to provide positive identification through 21 conductors. The identification sequence is repeated for cable containing more than 21 conductors.

ICEA/NEMA METHOD 4

A neutral or single colored insulation (usually black) compound is surface ink printed with conductor number to provide conductor identification through 21 conductors. The identification sequence is repeated for cable containing more than 21 conductors.

ICEA/NEMA METHOD 5

A color coding using braids. Also sometimes specified using colored insulation and contrasting tracers as an extension of method 1 to eliminate duplicate conductors. Up to 127 positive conductor codings are available with this method.

NOTE: THE DATA SHOWN IS AN APPROXIMATE AND SUBJECT TO STANDARD INDUSTRY TOLERANCE.

