

Insulation color for control cables with earth core

There are up to 102 color combinations to identify the various cores, which consists of 11 basic colors and specific combinations of color rings for core no. 12 and onwards.

3 to 5 core cables

Color identification according to VDE 0293 for flexible cables

3 cores = green-yellow/brown/blue

4 cores = green-yellow/brown/black/grey

5 cores = green-yellow/blue/brown/black/grey

6 and more core cables

No. Basic-Ring-Color		
0 green-yellow	36 transparent-blue	69 transparent-white-black
1 white	37 beige-blue	70 beige-white-black
2 black		
3 blue	38 grey-brown	71 brown-white-blue
4 brown	39 red-brown	72 grey-white-blue
5 grey	40 violet-brown	73 red-white-blue
6 red	41 pink-brown	74 violet-white-blue
7 violet	42 orange-brown	75 pink-white-blue
8 pink	43 transparent-brown	76 orange-white-blue
9 orange	44 beige-brown	77 transparent-white-blue
10 transparent		78 beige-white-blue
	45 red-grey	
11 beige	46 violet-grey	79 grey-white-brown
12 black-white	47 pink-grey	80 red-white-brown
13 blue-white	48 orange-grey	81 violet-white-brown
14 brown-white	49 transparent-grey	82 pink-white-brown
15 grey-white	50 beige-grey	83 orange-white-brown
16 red-white		84 transparent-white-brown
17 violet-white	51 orange-red	85 beige-white-brown
18 pink-white	52 transparent-red	
19 orange-white	53 beige-red	86 red-white-grey
20 transparent-white		87 violet-white-grey
21 beige-white	54 pink-violet	88 pink-white-grey
	55 orange-violet	89 orange-white-grey
22 blue-black	56 transparent-violet	90 transparent-white-grey
23 brown-black	57 beige-violet	91 beige-white-grey
24 grey-black		
25 red-black	58 transparent-pink	92 blue-white-red
26 violet-black	59 beige-pink	93 brown-white-red
27 pink-black	60 transparent-orange	94 violet-white-red
28 orange-black	61 beige-orange	95 pink-white-red
29 transparent-black		96 orange-white-red
30 beige-black	62 blue-white-black	
	63 brown-white-black	97 brown-white-violet
31 brown-blue	64 grey-white-black	98 orange-white-violet
32 grey-blue	65 red-white-black	
33 red-blue	66 violet-white-black	99 brown-black-blue
34 pink-blue	67 pink-white-black	100 grey-black-blue
35 orange-blue	68 orange-white-black	101 red-black-blue