

# ■ COLOR CODE ACCORDING TO INTERNATIONAL STANDARD

## Electronic control UL-version: single cores stranding

The insulation of the conductor gives the first basic colour. The codes of the multi-coloured identification are combined with a basic colour and colour rings. The second colour is printed on the basic colour as a form of ring.

The ring width is 2–3 mm. A less unsharpness on the edge of the identification colour and a minor pledging of both half-rings are permitted.

The cores are to be counted continuously through all layers at the same direction, beginning with the inside layer towards outer.

No. Basic-Ring-colours	No. Basic-Ring-colours	No. Basic-Ring-colours	No. Basic-Ring-colours
1 black	16 white-green	31 green-red	46 grey-brown
2 brown	17 white-blue	32 green-orange	47 grey-red
3 red	18 white-violet	33 green-blue	48 grey-orange
4 orange	19 white-grey	34 green-violet	49 grey-yellow
5 yellow	20 brown-black	35 green-grey	50 grey-green
6 green	21 brown-red	36 green-white	51 grey-blue
7 blue	22 brown-orange	37 yellow-black	52 grey-violet
8 violet	23 brown-yellow	38 yellow-brown	53 grey-white
9 grey	24 brown-green	39 yellow-red	54 orange-black
10 white	25 brown-blue	40 yellow-orange	55 orange-brown
11 white-black	26 brown-violet	41 yellow-blue	56 orange-red
12 white-brown	27 brown-grey	42 yellow-violet	57 orange-yellow
13 white-red	28 brown-white	43 yellow-grey	58 orange-green
14 white-orange	29 green-black	44 yellow-white	59 orange-blue
15 white-yellow	30 green-brown	45 grey-black	60 orange-violet

# ■ PAIR-COLOR CODE ACCORDING TO INTERNATIONAL STANDARD

## Electronic control UL-version: pair stranding

The insulation of the conductor gives the first basic colour. The codes of the multi-coloured identification are combined with a basic colour and colour rings. The second colour is printed on the basic colour as a form of ring.

The ring width is 2–3 mm. A less unsharpness on the edge of the identification colour and a minor pledging of both half-rings are permitted.

The cores are to be counted continuously through all layers at the same direction, beginning with the inside layer towards outer.

Pair-stranding			Pair-stranding			Pair-stranding		
Pair-no.	core	colour	Pair-no.	core	colour	Pair-no.	core	colour
1	a	black	9	a	black	17	a	brown
	b	brown		b	white		b	white
2	a	black	10	a	brown	18	a	red
	b	red		b	red		b	orange
3	a	black	11	a	brown	19	a	red
	b	orange		b	orange		b	yellow
4	a	black	12	a	brown	20	a	red
	b	yellow		b	yellow		b	green
5	a	black	13	a	brown	21	a	red
	b	green		b	green		b	blue
6	a	black	14	a	brown	22	a	red
	b	blue		b	blue		b	violet
7	a	black	15	a	brown	23	a	red
	b	violet		b	violet		b	grey
8	a	black	16	a	brown	24	a	red
	b	grey		b	grey		b	white