



Novosafe N(st)CH

Halogen free copper shielded (EMC) control cable

Specification

STANDARD	VDE 0295, 0293
RATED VOLTAGE UO/U	300/500V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Halogen free special compound
CORE IDENTIFICATION	Black with white numerals
PROTECTIVE CONDUCTOR	Yellow/Green
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	Halogen free special compound
SHEATH COLOUR	Grey
BENDING RADIUS FIXED	6 x cable diameter
BENDING RADIUS MOVED	12 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-15°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	3000V
OIL RESISTANCE	IEC 60811-404 70° 4 hours
HALOGEN-FREE / SMOKE EMISSION	IEC 60 754-1 & IEC 60 754-2
HALOGEN-FREE ACC. TO	IEC 60754

SMOKE EMISSION	IEC 61034
BURNING BEHAVIOR CPR	Cca
FLAME RETARDANT	IEC 60332-3-24
MANUFACTURER	Kabeltec GmbH

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M	BVB
0254300	2x0,75	6	5.2	
0254310	3G0,75	6.3	6	
0255510	3x0,75	6.3	6	
0254320	4G0,75	7.1	7.7	
0255520	4x0,75	7.1	7.7	
0254330	5G0,75	7.6	9.1	
0255530	5x0,75	7.6	9.1	
0254340	7G0,75	8.2	11.3	
0254350	12G0,75	11	19.6	
0254360	18G0,75	12.9	27.8	
0254370	25G0,75	15.3	37.7	
0254390	2x1	6.3	5.9	
0254400	3G1	6.8	7.3	
0254410	4G1	7.5	9.2	
0254420	5G1	8	10.7	
0254430	7G1	8.6	13.4	
0254440	12G1	11.9	23.7	
0254450	18G1	13.9	33.6	
0254460	25G1	16.7	46.4	
0254480	2x1,5	7.3	7.9	
0254490	3G1,5	7.7	9.5	
0254500	4G1,5	8.4	11.8	
0254510	5G1,5	9.7	16	
0254520	7G1,5	10.4	19.7	
0254530	12G1,5	13.7	32.3	
0254540	18G1,5	16.2	46.8	
0254550	25G1,5	19.3	63.6	
0254570	3G2,5	9.5	18.2	
0254580	4G2,5	10.4	19.5	

0254590	5G2,5	11.3	22.6	
0254600	7G2,5	12.3	28.5	
0254640	4G4	12.3	27.8	
0254650	4G6	13.8	39	
0254660	4G10	16.9	59.4	
0254670	4G16	19.6	84.3	