



Novosafe NCH

Halogen free copper shielded (EMC) control cable

Specification

STANDARD	VDE 0295, 0293
APPROVALS	Complies to Swedish and European standard acc. to SS EN 60204
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
FABRIC LAPPING	Foil PETP
OVERALL SHIELD	Braided tinned copper wire
SHIELD COVERAGE	Approx. 85%
OUTER SHEATH	Halogen free special compound
SHEATH COLOUR	Grey RAL 7001
BENDING RADIUS FIXED	5 x cable thickness
BENDING RADIUS MOVED	10 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+70°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	3000V

HALOGEN-FREE / SMOKE EMISSION	IEC 60 754-1 & IEC 60 754-2
HALOGEN-FREE ACC. TO	IEC 60754
SMOKE EMISSION	IEC 61034-2
FLAME RETARDANT	IEC 60332-3-24

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N7691020	2x0,5	5.8	4.6
N7691030	3G0,5	6.1	5.6
N7691040	4G0,5	6.5	6.2
N7691050	5G0,5	7	7.5
N7691070	7G0,5	7.5	9.8
N7691120	12G0,5	9.9	15.8
N7691180	18G0,5	11.5	21.6
N7691250	25G0,5	13.5	31.5
0297500	2x0,75	6.2	5.5
0297510	3G0,75	6.5	6.8
0297520	4G0,75	7	7.8
0297530	5G0,75	7.7	9.5
0297540	7G0,75	8.3	13
0297550	12G0,75	10.9	20.3
0297560	18G0,75	12.7	28.4
0297570	25G0,75	14.9	38
N7692320	32G0,75	16.4	43
0260700	2x1,0	6.5	6.6
0260710	3G1,0	6.8	8
0260720	4G1,0	7.3	10
0260730	5G1,0	8.1	13
0260740	7G1,0	8.8	16
0260750	12G1,0	11.5	25
0260760	18G1,0	13.9	38.2
0260770	25G1,0	16	46
0297600	2x1,5	7.1	8.7
0297610	3G1,5	7.5	10
0297620	4G1,5	8.2	12.5
0297630	5G1,5	8.9	15.8

0297640	7G1,5	9.9	21
0297650	12G1,5	13	32.9
0297660	18G1,5	15.6	48
0260780	25G1,5	18	66
N7695020	2x2,5	8.5	13.2
0297710	3G2,5	9	16.8
0297720	4G2,5	10	19.5
0297730	5G2,5	11	22.2
N7695070	7G2,5	12	32
N7695120	12G2,5	16.2	54
N7696020	2x4	10	23.3
N7696030	3G4	10.7	26
0297740	4G4	11.8	28
N7696050	5G4	12.9	35
N7696070	7G4	14.2	49
N7697020	2x6	11.9	28.5
N7697030	3G6	12.5	36.5
0297750	4G6	14.2	39
N7697050	5G6	15.9	48
N7697070	7G6	17.2	60
N7698020	2x10	14.7	44.8
N7698030	3G10	15.7	50.6
0297760	4G10	17.2	60
N7698050	5G10	19.5	80
N7698070	7G10	21.2	120
N7699020	2x16	17	57
N7699030	3G16	18.4	89
0297770	4G16	20.2	103
N7699050	5G16	22.2	112
N7699070	7G16	24.8	148.2
N7699130	3G25	22.3	99.6
0264700	4G25	24.9	129.5
N7699150	5G25	27.8	159
N7699230	3G35	25.8	132.9
0264710	4G35	27.8	173.2
N7699250	5G35	31.5	214.8
N7699330	3G50	30.5	186.1

0264720	4G50	33	245.6
N7699350	5G50	37.5	301.1
0264730	4G70	37.8	330.8
N7699540	4G95	42.3	435
N7699640	4G120	46.6	544.4