

Novoflex NCH-3 Plus UV

Halogen free shielded (EMC) UV-resistant motor cable 0,6/1 kV

Specification

STANDARD	VDE 0207, 0250, 0295, IEC 60228
APPROVALS	SSEN 60204
RATED VOLTAGE UO/U	0,6/1kV
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	XLPE
CORE IDENTIFICATION	Black, Brown, Grey and Green/Yellow
PROTECTIVE CONDUCTOR	Yellow/Green
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	Halogen free special compound
SHEAT COLOUR	Black
BENDING RADIUS FIXED	7,5 x cable diameter at the outer Ø <20 mm, 10 x cable diameter at the outer Ø >20mm
BENDING RADIUS MOVED	10 x cable diameter at outer Ø <20mm, 20 x cable diameter at the outer Ø >20mm
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	4000V
MAX TEMPERATURE AT CONDUCTOR	+90°C
BURNING BEHAVIOR CPR	Dca-s2,d0,a1

www.rutab.com Tel: +46 380 - 55 50 50 info@rutab.se Lerbacksgatan 2, 571 38 Nässjö

FLAME RETARDANT	IEC 60332-1, IEC 60332-3-24

Variants

E-NUMBER	DIMENSION N X MM²	OUTER DIAMETER MM	WEIGHT KG/100M
0269800	3x1,5+3G0,25	10.5	20.9
0269810	3x2,5+3G0,5	11.5	22
0269820	3x4+3G0,75	12.1	32
0269830	3x6+3G1,0	14.2	42
0269840	3x10+3G1,5	16.2	63.9
0269850	3x16+3G2,5	18.5	84.9
0269860	3x25+3G4	22.8	140
0269870	3x35+3G6	25.2	171.8
0269880	3x50+3G10	29.2	234
0269890	3x70+3G10	34	317.3
0269900	3x95+3G16	38	416.2
0269910	3x120+3G16	41.1	525.3
N7747120	3x150+3G25	47	643
N7747130	3x185+3G35	53.5	834
N7747140	3x240+3G50	57.3	1225

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