



Novoflex NCY-3 Plus UV

Shielded (EMC) UV-resistant motor cable 0,6/1 kV

Specification

STANDARD	VDE 0295, IEC 60228 cl. 5
APPROVALS	SSEN 60204
RATED VOLTAGE UO/U	0,6/1kV
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PE
CORE IDENTIFICATION	Black, Brown, Grey and Green/Yellow
PROTECTIVE CONDUCTOR	Yellow/Green
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	PVC
SHEATH COLOUR	Black
BENDING RADIUS FIXED	5 x cable diameter at the outer \varnothing <12 mm, 7,5 x cable diameter at the outer \varnothing 12-20mm, 10 x cable diameter at the outer \varnothing >20mm
BENDING RADIUS MOVED	10 x cable diameter at outer \varnothing <12mm, 15 x cable diameter at outer \varnothing 12-20mm, 20 x cable diameter at the outer \varnothing >20mm
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 4000V

MAX TEMPERATURE AT CONDUCTOR +70°C

FLAME RETARDANT IEC 60332-1

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
0299700	3x1,5+3G0,25	11	20.9
0299710	3x2,5+3G0,5	12.5	22
0299720	3x4+3G0,75	14	32
0299730	3x6+3G1,0	15	42
0299740	3x10+3G1,5	17	63.9
0299750	3x16+3G2,5	20	84.9
0299760	3x25+3G4	24	140
0299770	3x35+3G6	26.5	171.8
0299780	3x50+3G10	30.5	234
0299790	3x70+3G10	35.2	317.3
0299800	3x95+3G16	39.5	416.2
0299810	3x120+3G16	42.5	525.3
N7748830	3x150+3G25	48.6	643
N7748930	3x185+3G35	54.5	834
N7749030	3x240+3G50	60.5	1225