



Novosafe NHXH FE 180 / E90 0,6/1 kV

Fire resistant halogen free power cable

Specification

STANDARD	VDE 0207, 0266, 0472, IEC 331-1, -3, DIN4102
RATED VOLTAGE U ₀ /U	0,6/1kV
CONDUCTOR CLASS	≤16mm ² Class 1 = solid wire / ≥25mm ² Class 2 = stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Halogen free special compound
CORE IDENTIFICATION	Black with white numerals, ≤5 cores: Colour coded
PROTECTIVE CONDUCTOR	Yellow/Green
INNER SHEATH MATERIAL	Halogen free specialmix
OUTER SHEATH	Halogen free special compound
SHEATH COLOUR	Orange
BENDING RADIUS FIXED	12 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-30°C
MAX OPERATING TEMPERATURE FIXED	+70°C
TESTING VOLTAGE	4000V
INSULATION RESISTANCE	≥20 MOhm x km
FIRE RESISTANT	IEC 60331 (E90)
FLAME RETARDANT	IEC 60332-3-24

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N8068050	5G10	22	80.7
N8069050	5G16	25.2	114.5
N8069140	4G25	27.2	142.2
N8069150	5G25	29.8	176.5
N8069230	3G35	26.8	143
N8069240	4G35	29.7	185.8
N8069250	5G35	32.9	231
N8069340	4G50	33.5	245.3
N8069350	5G50	38.1	309
N8069440	4G70	38.9	244
N8069540	4G95	43.8	466.5
N8069640	4G120	48	579.2
12G2,5	26.1	66	