



Novosafe LKSM-FRHF

Fire resistant halogen free shielded (EMC) control and power cable

Specification

APPROVALS	ABS, BV, CCS, CRS, DNV, LR, NK, RINA
RATED VOLTAGE UO/U	AC 0,6/1kV / DC 0,9/1,5kV
CONDUCTOR CLASS	≤10mm ² Klass 2 = fåtrådig (7 trådar) / ≥16mm ² Klass 5 = mångtrådig
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Mica tape and XLPE
CORE IDENTIFICATION	2 cores Brown+Blue 3 cores Brown+Blue+Green/Yellow 4 cores Brown+Black+Grey+Green/Yellow 5 cores Brown+Black+Grey+Blue+Green/Yellow ≥7 cores Black with numerals
PROTECTIVE CONDUCTOR	Yellow/Green
OVERALL SHIELD	Braided copper wire
OUTER SHEATH	Polyolefin SHF
SHEAT COLOUR	Orange
BENDING RADIUS FIXED	6 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
LOWEST INSTALLATION TEMPERATURE	-15°C
MAX TEMPERATURE AT CONDUCTOR	+90°C
HALOGEN-FREE ACC. TO	IEC 60754
SMOKE EMISSION	IEC 61034

FIRE RESISTANT

IEC 60331-1, -2 (120 min 830°C)

FLAME RETARDANT

IEC 60332-1, IEC 60332-3-22

Variants

E-NUMBER	DIMENSION N X MM²	OUTER DIAMETER MM	WEIGHT KG/100M
N4214020	2x1	10	12
N4214030	3G1,5	11	17
N4214040	4G1,5	12	20
N4214050	5G1,5	13.5	24.5
N4214070	7G1,5	14.5	29.5
N4214120	12G1,5	19	49
N4214190	19G1,5	22	68
N4214240	24G1,5	26	87.5
N4214270	27G1,5	26.5	94.5
N4214370	37G1,5	29.5	122
N4215030	3G2,5	12	21
N4215040	4G2,5	13.5	25.5
N4215050	5G2,5	14.5	30.5
N4215070	7G2,5	16	40.5
N4215120	12G2,5	21	63.5
N4215190	19G2,5	24.5	92
N4215240	24G2,5	29	116.5
N4215270	27G2,5	29.5	126.5
N4215370	37G2,5	33	166
N4216020	2x4	13	22.5
N4216030	3G4	13.5	28
N4216040	4G4	14.5	33.5
N4216050	5G4	16.5	44
N4217020	2x6	14	34
N4217030	3G6	15	40
N4217040	4G6	16.5	50.5
N4217050	5G6	18	60
N4218040	4G10	19.5	72.5
N4218050	5G10	21	87
N4219040	4G16	22.5	101
N4219050	5G16	24.5	113.5

N4219140	4G25	28	151.5
N4219150	5G25	30.5	173.5
N4219240	4G35	30.5	198
N4219250	5G35	34	239
N4219340	4G50	36.5	273
N4219350	5G50	40	333
N4219440	4G70	41	369.5
N4219540	4G95	48.5	493.5