



Novosafe RFE-FRHF

Fire resistant halogen free instrument and communication cable

Specification

APPROVALS	ABS, BV, CCS, CRS, DNV, LR, RINA
RATED VOLTAGE UO/U	150/250V
CONDUCTOR CLASS	Klass 2 = fåtrådig (7 trådar)
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Mica tape and XLPE
CORE IDENTIFICATION	A: White with numerals, B: Blue with numerals
OVERALL SHIELD	Braided copper wire
SHIELD COVERAGE	>94%
OUTER SHEATH	Polyolefin SHFI
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
CONDUCTOR RESISTANCE	0,75mm ² 52 Ohm/km / 1,5mm ² 24,4 Ohm/km
INSULATION RESISTANCE	≥1500 MOhm/km
CAPACITANCE	0,75mm ² 45nF/km / 1,5mm ² 55 nF/km
INDUCTANCE	0,75mm ² 0,6 mH/km / 1,5mm ² 0,7 mH/km
MAX TEMPERATURE AT CONDUCTOR	+90°C

HALOGEN-FREE ACC. TO	IEC 60754
SMOKE EMISSION	IEC 61034
FIRE RESISTANT	IEC 60331-1, -2
FLAME RETARDANT	IEC 60332-1, IEC 60332-3-22

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N4222020	1x2x0,75	9.5	11.5
N4222040	2x2x0,75	14	21
N4222080	4x2x0,75	16.5	33
N4222160	8x2x0,75	21	51.5
N4222240	12x2x0,75	25.5	71
N4222380	19x2x0,75	31	102.5
N4222640	32x2x0,75	39.4	160.5
N4224020	1x2x1,5	10.5	15.5
N4224040	2x2x1,5	16	31.5
N4224080	4x2x1,5	18.5	43
N4224160	8x2x1,5	24	72.5
N4224240	12x2x1,5	29	101