N2XH

CONSTRUCTION

CONDUCTOR	Stranded Annealed Copper Conductor (IEC 60228-Class 2)		
INSULATION	XLPE	HD 308 S2	XLPE (IEC 60502-1)
BEDDING	LSZH Compound		
SHEATH	LSZH Compound	Black	ST8 (IEC 60502-1)

PHYSICAL&ELECTRICAL CHARACTERISTICS

MAX. CONDUCTOR TEMPERATURE DURING SHORT CIRCUIT	250°C
NOMINAL VOLTAGE	600/1000 V
TEST VOLTAGE	3500 V
OPERATING TEMPERATURE	-40°C ... +90°C
MINUMUM BENDING RADIUS	10 X D

FIRE PERFORMANCE CHARACTERISTICS

FLAME RETARDANT	IEC 60332-1
NO FLAME PROPAGATION	IEC 60332-3-24
HALOGEN-FREE	IEC 60754-1, VDE 0482 P267-2-1, DIN EN50267-2-1
NO CORROSIVE GASES	IEC 60754-2, VDE 0482 P267-2-2, DIN EN 50267-2-2
LOW SMOKE EMISSION	IEC 61034-1/-2, VDE 0482 P268-1/-2, DIN EN 50268-1/-2

N2XH

OTHER CHARACTERISTICS

UV RESISTANCE	ISO 4892-2 / ISO 4892-3
WATER RESISTANCE	AD7
OIL RESISTANCE	ASTM NO: 2 (4 hours 70°C)
HYDROCARCON RESISTANCE	NF-M87-202 (Aliphatic Hydrocarbon)

DIMENSIONS

Number of Core and Cross Section Area (mm²)	Approx. Overall Diameter (mm) (±5%)	Approx. Cable Weight (kg/km)	Max. Conductor Resistance DC at 20°C (Ohm/km)
2 x 1,5 rm	9,10	118	12,1
2 x 2,5 rm	10,00	151	7,41
12 x 1,5 rm	16,10	359	12,1