H07Z-U

CONSTRUCTION

CONDUCTOR	Stranded Annealed Copper Conductor (IEC 60228-Class 2)
INSULATION	XL-HF

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

H07Z-U

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

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)
1 x 6 rm	5,00	72	3,08
1 x 35 rm	9,50	353	0,524
1 x 70 rm	12,80	677	0,268
1 x 240 rm	23,00	2334	0,0754