



Novotronic RE-2X(St)Yv-fl

Instrument cable for digital and analog signals

Specification

STANDARD	EN 50288-7, VDE 0295, IEC 60228
RATED VOLTAGE U ₀ /U	300V
CONDUCTOR CLASS	Klass 2 = fåtrådig (7 trådar)
CONDUCTOR MATERIAL	Copper
CORE INSULATION	XLPE
CORE IDENTIFICATION	A: Black, B: White with numerals
OVERALL SHIELD	Aluminum/polyester foil with tinned drain wire
OUTER SHEATH	PVC
SHEATH COLOUR	Black (blue on request for intrinsic circuits)
BENDING RADIUS FIXED	7,5 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-30°C
MAX OPERATING TEMPERATURE FIXED	+70°C
LOWEST INSTALLATION TEMPERATURE	-5°C
TESTING VOLTAGE	1500VDC
CONDUCTOR RESISTANCE	0,75mm ² : max. 25,0 Ohm/km, 1,3mm ² : max. 14,2 Ohm/km
INSULATION RESISTANCE	Min. 5 G Ohm x km
CAPACITANCE	max. 115 nF/km
INDUCTANCE	approx. 1 mH/km
FLAME RETARDANT	IEC 60332-1, IEC 60332-3-24

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N8063480	1X2X0,5	7.3	7
N8063490	2X2X0,5	9.7	9.8
N8063500	4X2X0,5	10.9	13
N8063510	8X2X0,5	13.3	21
N8063520	16X2X0,5	17.2	34
N8063530	24x2x0,5	20.1	45.5
N8063550	1x2x0,75	7.6	8
N8063560	2x2x0,75	10.3	12.7
N8063570	4x2x0,75	11.6	16.8
N8063850	6x2x0,75	13.6	22
N8063580	8x2x0,75	14.2	26.4
N8063590	12x2x0,75	16.5	35.6
N8063600	16x2x0,75	18.5	44.8
N8063610	24x2x0,75	21.8	62
N8063620	1x2x1,3	8.6	10.1
N8063630	2x2x1,3	12	16.9
N8063640	4x2x1,3	13.6	23.7
N8063650	8x2x1,3	16.9	39
N8063660	12x2x1,3	19.9	53.9
N8063670	16x2x1,3	22.4	69
N8063680	24x2x1,3	26.6	96.5