



Novotronic LiHCH-TP

Halogen free copper shielded electronic cable with twisted pairs

Specification

STANDARD	VDE 0295, DIN 47 100
RATED VOLTAGE U ₀ /U CONTROL CORES	300V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	Halogen free special compound
CORE IDENTIFICATION	Colour coded acc. to DIN 47100
FABRIC LAPPING	Plastic foil
OVERALL SHIELD	Braided tinned copper wire
OUTER SHEATH	Halogen free special compound
SHEAT COLOUR	Grey
BENDING RADIUS FIXED	15 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+70°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	1200V
INSULATION RESISTANCE	≥20 MOhm x km
CAPACITANCE	<70nF/km (Core/Core)
HALOGEN-FREE / SMOKE EMISSION	IEC 60 754-1 & IEC 60 754-2

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N8160020	2x2x0,14	5.5	3.7
N8160030	3x2x0,14	6.2	4.7
N8160040	4x2x0,14	7.4	6.6
N8160050	5x2x0,14	8	7.6
N8160060	6x2x0,14	8.3	8.7
4855300	2x2x0,25	6	4.4
4855310	3x2x0,25	7	6.6
4855320	4x2x0,25	7.9	8.1
N8161050	5x2x0,25	8.6	9.8
4855330	6x2x0,25	9	11.6
N8161100	10x2x0,25	10.7	15.3
N8161120	12x2x0,25	12.1	17.5
N8162020	2x2x0,34	7.2	6.8
N8162030	3x2x0,34	8.5	9.2
N8162040	4x2x0,34	9.5	11
N8162050	5x2x0,34	10	12.8
N8162060	6x2x0,34	10.6	14.7
4855360	2x2x0,5	7.7	7.6
4855370	3x2x0,5	9	10.7
4855380	4x2x0,5	10.2	13.4
4855390	6x2x0,5	11.5	17.6
N8163120	12x2x0,5	16	33
4855400	2x2x0,75	9.1	10.5
4855410	3x2x0,75	10	13.7
4855420	4x2x0,75	11.6	16.6
4855430	6x2x0,75	13.4	23.6
N8164120	12x2x0,75	18.3	43.4