



Novotronic LiYCY

PVC-sheathed copper shielded electronic cable

Specification

STANDARD	VDE 0295, DIN 47 100
RATED VOLTAGE U ₀ /U CONTROL CORES	≤1,5mm ² 300V, ≥2,5mm ² 500V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PVC
CORE IDENTIFICATION	Colour coded acc. to DIN 47100
FABRIC LAPPING	Foil
OVERALL SHIELD	Braided tinned copper wire
OUTER SHEATH	Special PVC
SHEAT COLOUR	Grey RAL 7001
BENDING RADIUS FIXED	15 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	< 2,5mm ² 1200V, > 2,5mm ² 2000V
INSULATION RESISTANCE	≥20 MOhm x km
FLAME RETARDANT	IEC 60332-1

Variants

E-NUMBER	DIMENSION N X MM²	OUTER DIAMETER MM	WEIGHT KG/100M
4853200	2x0,14	3.8	1.6
N7860030	3x0,14	3.9	2
4853220	4x0,14	4.2	2.4
N7860050	5x0,14	4.5	2.7
4853240	6x0,14	4.9	3.2
4853250	7x0,14	4.9	3.4
N7860080	8x0,14	5.2	3.8
N7860100	10x0,14	5.9	4.7
N7860120	12x0,14	6.1	5.2
4853300	16x0,14	7.0	6.8
N7860180	18x0,14	7.6	9.2
N7860200	20x0,14	7.7	10.4
4853340	24x0,14	8.6	9.4
N7860250	25x0,14	8.6	9.6
N7860320	32x0,14	9.3	14.2
N7860360	36x0,14	9.3	13.1
N7860400	40x0,14	10.0	15.2
N7860500	50x0,14	11.1	18.3
4853500	2x0,25	4.5	2.1
4853510	3x0,25	4.7	2.5
4853520	4x0,25	5.1	3.1
4853530	5x0,25	5.4	3.6
N7861060	6x0,25	5.9	4.3
4853550	7x0,25	5.9	6
4853560	8x0,25	6.6	5.1
N7861100	10x0,25	7.6	6.4
4853580	12x0,25	7.8	7.2
4853600	16x0,25	8.7	9.1
N7861180	18x0,25	9.4	10
N7861200	20x0,25	9.4	15.2
N7861240	24x0,25	10.4	16.3
N7861250	25x0,25	9.1	13.4
N7861360	36x0,25	11.8	21
N7861400	40x0,25	12.3	22.9
4853800	2x0,34	4.8	2.7
4853810	3x0,34	5	3.3

4853820	4x0,34	5.5	3.9
4853830	5x0,34	6.2	4.7
N7862060	6x0,34	6.5	5.4
4853850	7x0,34	7.1	5.8
N7862080	8x0,34	7.4	6.7
N7862100	10x0,34	8.4	8.4
4853880	12x0,34	8.6	9.4
N7862140	14x0,34	9.2	10.6
N7862160	16x0,34	9.5	12
N7862180	18x0,34	10.1	13.2
N7862240	24x0,34	11.7	19.9
N7862400	40x0,34	14	33
50x0,34	159	38.7	
4854000	2x0,5	5.9	4.5
4854010	3x0,5	6.2	5.5
4854020	4x0,5	6.6	5.1
4854030	5x0,5	7.1	6.2
N7863060	6x0,5	7.6	7.2
4854040	7x0,5	7.8	7.8
N7863080	8x0,5	8.1	8.9
4854050	10x0,5	9.3	11.2
4854060	12x0,5	9.6	12.7
N7863160	16x0,5	10.5	16.3
N7863180	18x0,5	11	18
N7863220	20x0,5	11	19.9
N7863240	24x0,5	13.3	23.9
N7863250	25x0,5	14.2	31
N7863300	30x0,5	14.1	35
N7864010	1x0,75	3.7	4.1
4854100	2x0,75	5.9	5
4854110	3x0,75	6.2	5.3
4854120	4x0,75	7.1	6.6
N7864050	5x0,75	7.7	7.9
N7864060	6x0,75	8.3	9.3
4854140	7x0,75	8.6	10.2
4854150	8x0,75	8.8	11.7
N7864100	10x0,75	10	14.8

4854160	12x0,75	10.5	16.8
N7864180	18x0,75	12.5	24
4854180	20x0,75	12.9	26.6
N7864250	25x0,75	14.8	32.8
N7864320	32x0,75	15.9	44.5
N7865020	2x1,0	7.4	7.4
N7865030	3x1,0	7.9	8.9
N7865040	4x1,0	8.7	10.7
N7865050	5x1,0	9.2	9.6
6x1,0	10	11.3	
N7865070	7x1,0	10	12.4
N7865080	8x1,0	11.2	14.1
N7865100	10x1,0	13.5	18
N7865120	12x1,0	13.3	20.5
N7865180	18x1,0	16	29.4
N7866010	1x1,5	5.3	4.8
4854200	2x1,5	8	7
4854210	3x1,5	8.5	9.2
4854220	4x1,5	9.2	11.6
N7866050	5x1,5	10	14
N7866070	7x1,5	10.8	18.4
N7866120	12x1,5	15	30.8
N7866180	18x1,5	16.8	45
N7866250	25x1,5	20.6	61.8