

DATASHEET

Equipment Wire / stranded hook-up wire PVC tinned wires flexible

Multinorm Wiring cables

LivY / LiYv - AWG 24 - 0,25 mm²/1,3

Acc. VDE 0812 and EN 60228 Cl. 5

WIRE CONSTRUCTION	Stranded flexible tinned annealed copper wire conductor 14 wires x 0,15 mm acc. EN 60228 class 5
SINGLE WIRE	0,15 ± 0,003 mm acc. EN13602 [each single wire tinned]
MATERIAL	Soft-annealed electrolytic copper E-Cu ETP1 acc. EN 13602
MATERIAL SURFACE	min.. 0,3 µm tinned
COPPER WEIGHT	2,4 kg / 1000 m
DIAMETER OF CONDUCTOR	max. 0,7mm
INSULATION	Soft-PVC Y11/Y12 acc. DIN VDE 0207-4 and T11 acc. EN 50363; PHTHALAT-FREE (also for Toys) Shore A 90 ±3
FLAME RETARDANT	PVC self-extinguishing and flame retardant acc. EN 60332-1-2, UL 94V-1
INSULATION DIAMETER	1,3 mm ±0,1 mm / thickness nom. 0,3mm
TEMPERATURE RANGE	moved -10 bis +85°C (>3.000 h) unmoved -40 bis +85°C (>3.000 h) ; permanent +70°C VDE
INSULATION DC RESISTANCE	min. 20 MΩ x km acc. VDE 0812
SERVICE VOLTAGE	max. 900 V (Peak) acc. VDE 0812
TESTING VOLTAGE	max. 2500 V acc. VDE 0812
CURRENT RATING	max. 3 A at 20°C
ELECTRICAL RESISTANCE	max. 75 Ω / km acc. EN 60228 at 20°C
WEIGHT	ca. 4 kg/1.000m
REEL LENGTH	Spools K200 with 1000m
CONFORMITY	RoHS and REACH, Conflict-Minerals free