

H07-K Multinorm (UL/CSA/VDE) single wires







Technical data		
DIN VDE 0281 part 3 & UL 1015	<ul style="list-style-type: none"> Bare or tinned copper, wire strands class 5 according to DIN VDE 0295 and UL Subj. 758 part G, UL 1581 Insulation PVC TI3 according to HD 21.1¹⁾ and class 43 UL 1581 Conductor coding acc. to HD 21.1 and DIN IEC 304 	
Nominal voltage	UL/CSA	600 V
	VDE U ₀ /U	450/750 V
Test voltage	4,000 V	
Temperature range	While mounting	+5 °C to +105 °C (VDE 90 °C)
	Fixed installation	-40 °C to +105 °C (VDE 90 °C)
Maximum temp. at wire	In operation	+105 °C (VDE 90 °C)
	At short circuit	+160 °C
Flammability	According to DIN EN 50265-2-1 and VW1-UL 1581, FT1, CSA 22.2 No 127	
Description	Colours	Packaging ²⁾
1.5 mm² Outer diameter 3.1 mm Copper weight 14.4 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Boxed wire • Reel
2.5 mm² Outer diameter 3.7 mm Copper weight 24 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Boxed wire • Reel
4 mm² Outer diameter 4.3 mm Copper weight 38.4 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Boxed wire • Reel
6 mm² Outer diameter 4.8 mm Copper weight 58 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Boxed wire • Reel
10 mm² Outer diameter 6.9 mm Copper weight 96 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel
16 mm² Outer diameter 8.9 mm Copper weight 154 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel
25 mm² Outer diameter 10.1 mm Copper weight 240.4 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel
35 mm² Outer diameter 11.5 mm Copper weight 336 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel
50 mm² Outer diameter 14.1 mm Copper weight 480.4 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel
70 mm² Outer diameter 16.8 mm Copper weight 672 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel
95 mm² Outer diameter 18.2 mm Copper weight 912 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel
120 mm² Outer diameter 19.6 mm Copper weight 1,152 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	• Spool • Reel

1) Harmonizing document

2) See page 17.34



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	1) Cardboard box		4) Plastic spools
	2) Multi-ply reel		5) Wooden reels for bigger sizes of cable and/or large quantities
	3) Coil, mostly blistered in PVC foil		6) "Boxed wire" container, made of corrugated cardboard for wire sizes up to 6 mm² included. Ideal for wire processing on automatic machines: smooth feeding, no wire prefeeder needed

All of our packaging modalities are "one-way" with the exception of wooden drums.
In case you prefer our prescribe defined dimensions of spools, reels, etc., please contact us.