

H05-K Multinorm (UL/CSA/VDE) single wires



Wire structure (DIN VDE 0281 part 3 and UL 1015)		
Technical data		
DIN VDE 0281 part 3 & UL 1007 and 1569	- Bare or tinned copper 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	
Nominal voltage	UL/CSA	300 V
	VDE U ₀ /U	300/500 V
Test voltage	3,000 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 210.2	
Description	Colours	Packaging ²⁾
0.5 mm² Outer diameter 2.2 mm Copper weight 4.8 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	- Boxed wire - Reel
0.75 mm² Outer diameter 2.4 mm Copper weight 7.2 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	- Boxed wire - Reel
1 mm² Outer diameter 2.5 mm Copper weight 9.6 kg/km	Black Green/Yellow Violet White Blue Yellow Orange Grey Brown Green Red	- Boxed wire - 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.