







H07V3-U PVC Single Wire 70 °C Cold Resistant



Technical data		
DIN VDE 0281 part 7	<ul style="list-style-type: none"> • Conductor bare or tinned copper, solid core, class 2 acc. to DIN VDE 0295 • Insulation PVC T14 acc. to HD 21.1¹⁾ • Coding acc. to HD 21.1 and DIN IEC 304 • <VDE> <HAR> 	
Nominal voltage U₀/U	300/500 V	
Test voltage	3,000 V	
Temperature range	While mounting	-25 °C to +70 °C
	Fixed installation	-40 °C to +70 °C
Maximum temp. at wire	In operation	+70 °C
	At short circuit	+160 °C
Flammability	According to DIN EN 50265-2-1	
Description	Colours	Packaging ²⁾
1.5 mm² Outer diameter 2.9 mm Copper weight 14.4 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Cardboard box • Boxed wire • Reel
2.5 mm² Outer diameter 3.6 mm Copper weight 24 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Cardboard box • Boxed wire • Reel
4 mm² Outer diameter 4.2 mm Copper weight 38.4 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Cardboard box • Boxed wire • Reel
6 mm² Outer diameter 5.6 mm Copper weight 58 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
10 mm² Outer diameter 6.1 mm Copper weight 96 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • 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