







H07V3-K PVC Single Wire 70 °C Cold Resistant



Technical data		
DIN VDE 0281 part 9	<ul style="list-style-type: none"> • Conductor bare or tinned copper, fine wire strands, class 5 acc. to DIN VDE 0295 • Insulation PVC TI4 acc. to HD 21.1¹⁾ • Coding acc. to HD 21.1 and DIN IEC 304 • <VDE> <HAR> 	
Nominal voltage U₀/U	450/750 V	
Test voltage	4,000 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 3 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 4.3 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 5.8 mm Copper weight 58 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Cardboard box • Boxed wire • Reel
10 mm² Outer diameter 6.3 mm Copper weight 96 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
16 mm² Outer diameter 7.4 mm Copper weight 154 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
25 mm² Outer diameter 9.3 mm Copper weight 240 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
35 mm² Outer diameter 10.3 mm Copper weight 336 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
50 mm² Outer diameter 14.3 mm Copper weight 480 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
70 mm² Outer diameter 16.8 mm Copper weight 672 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
95 mm² Outer diameter 18.8 mm Copper weight 912 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
120 mm² Outer diameter 20.6 mm Copper weight 1,152 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
150 mm² Outer diameter 23.1 mm Copper weight 1,440 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
185 mm² Outer diameter 25.6 mm Copper weight 1,776 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> • Coil • Spool • Reel
240 mm² Outer diameter 29.1 mm Copper weight 2,304 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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	<p>1) Cardboard box</p>		<p>4) Plastic spools</p>
	<p>2) Multi-ply reel</p>		<p>5) Wooden reels for bigger sizes of cable and/or large quantities</p>
	<p>3) Coil, mostly blistered in PVC foil</p>		<p>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</p>