







# H07V-U PVC Single Wire 70 °C

Technical data		
<b>DIN VDE 0281 part 3</b>	<ul style="list-style-type: none"> <li>• Conductor bare or tinned copper, solid core, class 1 acc. to DIN VDE 0295</li> <li>• Insulation PVC TI1 acc. to HD 21.1<sup>1)</sup></li> <li>• Coding acc. to HD 21.1</li> <li>• &lt;VDE&gt; &lt;HAR&gt;</li> </ul>	
<b>Nominal voltage U<sub>0</sub>/U</b>	450/750 V	
<b>Test voltage</b>	4,000 V	
<b>Temperature range</b>	While mounting	+5 °C to + 70 °C
	Fixed installation	- 40 °C to + 70 °C
<b>Maximum temp. at wire</b>	In operation	+70 °C
	At short circuit	+160 °C
<b>Flammability</b>	According to DIN EN 50265-2-1	
Description	Colours	Packaging <sup>2)</sup>
<b>1.5 mm<sup>2</sup></b> 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"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Drum</li> </ul>
<b>2.5 mm<sup>2</sup></b> Outer diameter 3.6mm Copper weight 24 kg/km	Black White Grey Red Blue Violet Brown Green/Yellow	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Drum</li> </ul>
<b>4 mm<sup>2</sup></b> Outer diameter 4.2 mm Copper weight 38.4 kg/km	Black Grey Blue Brown Green/Yellow	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Drum</li> </ul>
<b>6 mm<sup>2</sup></b> Outer diameter 5.6 mm Copper weight 58 kg/km	Black Grey Blue Brown Green/Yellow	<ul style="list-style-type: none"> <li>• Coil</li> </ul>
<b>10 mm<sup>2</sup></b> Outer diameter 6.1 mm Copper weight 96 kg/km	Black Grey Blue Brown Green/Yellow	<ul style="list-style-type: none"> <li>• Coil</li> </ul>

1) Harmonizing document  
2) See page 17.34

# H05V-K PVC Single Wire 70 °C

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

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.