

# H05V2-U PVC Single Wire 90 °C

DIN VDE 0281 part 3

**Conductor bare or tinned copper,  
solid core, class 1 acc. to DIN VDE 0295  
Insulation PVC TI1 acc. to HD 21.<sup>1)</sup>  
Coding acc. to HD 21.1  
<VDE> <HAR>**

Nominal voltage  $U_0/U$

**300/500**

Temperature range

**While mounting: +5 °C to +90 °C  
Fixed installation: -40 °C to +90 °C**

Maximum temp. at wire

**In operation: +90 °C  
At short circuit: +160 °C**

Flammability

**According to DIN EN 50265-2-1**









# H05V2-U PVC Single Wire 90 °C

Description	Colours	Packaging <sup>2)</sup>
0.5 mm <sup>2</sup> Outer diameter 2.4 mm Copper weight 4.8 kg/km	<b>Standard</b> Black, white, grey Red, blue, violet Brown, orange Green/yellow  <b>On request</b> Green, yellow Light blue	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Reel</li> </ul>
0.75 mm <sup>2</sup> Outer diameter 2.6 mm Copper weight 7.2 kg/km	<b>Standard</b> Black, white, grey Red, blue, violet Brown, orange Green/yellow  <b>On request</b> Green, yellow Light blue	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Reel</li> </ul>
1 mm <sup>2</sup> Outer diameter 2.8 mm Copper weight 9.6 kg/km	<b>Standard</b> Black, white, grey Red, blue, violet Brown, orange Green/yellow  <b>On request</b> Green, yellow Light blue	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Reel</li> </ul>

1) Harmonizing document

2) See page 17.34

# H05V2-U PVC Single Wire 90 °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.