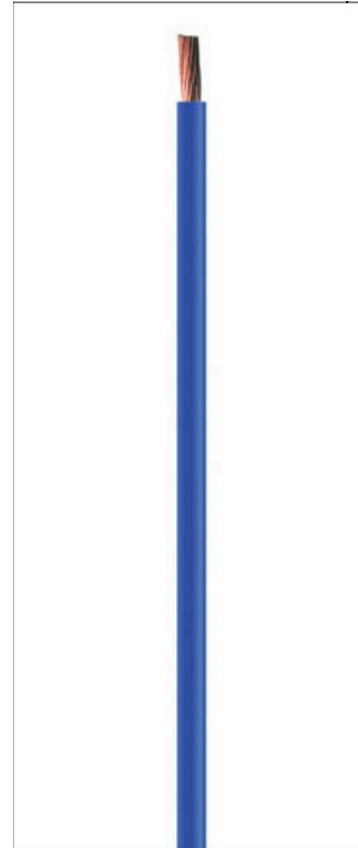


# H07V-K PVC Single Wire 70 °C

Technical data		
<b>DIN VDE 0281 part 3</b>	Conductor bare or tinned copper, fine wire strands, class 5 acc. to DIN VDE 0295 Insulation PVC TI1 acc. to HD 21.1 <sup>1)</sup> Coding acc. to HD 21.1 and DIN IEC 304 <VDE> <HAR>	
<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 3.5 mm Copper weight 14.4 kg/km	<u>Standard</u> Black White Grey Red Blue Orange Violet Brown Green/Yellow <u>On request</u> Transparent Dark blue	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Multi-ply reel</li> </ul>
<b>2.5 mm<sup>2</sup></b> Outer diameter 4.2 mm Copper weight 24 kg/km	<u>Standard</u> Black White Grey Red Blue Brown Green/Yellow <u>On request</u> Violet Orange Dark blue	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Multi-ply reel</li> </ul>
<b>4 mm<sup>2</sup></b> Outer diameter 4.8 mm Copper weight 38.4 kg/km	<u>Standard</u> Black Grey Red Blue Brown Green/Yellow <u>On request</u> White Orange Dark blue	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Multi-ply reel</li> </ul>
<b>6 mm<sup>2</sup></b> Outer diameter 6.3 mm Copper weight 58 kg/km	<u>Standard</u> Black Grey Red Blue Brown Green/Yellow <u>On request</u> Dark blue orange	<ul style="list-style-type: none"> <li>• Cardboard box</li> <li>• Boxed wire</li> <li>• Multi-ply reel</li> </ul>
<b>10 mm<sup>2</sup></b> Outer diameter 7.6 mm Copper weight 96 kg/km	<u>Standard</u> Black Grey Red Light blue Green/Yellow Blue with printing 'N' Brown with printing '1' Brown with printing '2' Brown with printing '3' Black with printing '1' Black with printing '2' Black with printing '3'	<ul style="list-style-type: none"> <li>• Coil</li> </ul>
<b>16 mm<sup>2</sup></b> Outer diameter 8.8 mm Copper weight 154 kg/km	<u>Standard</u> Black Light blue Grey Blue Brown Green/Yellow <u>On request</u> Red	<ul style="list-style-type: none"> <li>• Coil</li> <li>• Spool</li> </ul>
<b>25 mm<sup>2</sup></b> Outer diameter 11 mm Copper weight 240 kg/km	<u>Standard</u> Black Blue Green/Yellow <u>On request</u> Grey Brown Red	<ul style="list-style-type: none"> <li>• Coil</li> </ul>
<b>35 mm<sup>2</sup></b> Outer diameter 12.5 mm Copper weight 336 kg/km	<u>Standard</u> Black Green/Yellow <u>On request</u> Blue	<ul style="list-style-type: none"> <li>• Coil</li> </ul>
<b>50 mm<sup>2</sup></b> Outer diameter 14.5 mm Copper weight 480 kg/km	<u>Standard</u> Black Green/Yellow <u>On request</u> Blue	<ul style="list-style-type: none"> <li>• Spool</li> </ul>

1) Harmonizing document

2) See page 17.34



# H07V-K PVC Single Wire 70 °C

Description	Colours	Packaging <sup>2)</sup>
<b>70 mm<sup>2</sup></b> Outer diameter 17 mm Copper weight 672 kg/km	<u>Standard</u> Black Blue <u>On request</u> Green/Yellow	• Spool
<b>95 mm<sup>2</sup></b> Outer diameter 19 mm Copper weight 912 kg/km	Black Green/Yellow	• Spool
<b>120 mm<sup>2</sup></b> Outer diameter 21 mm Copper weight 1,152 kg/km	Black	• Spool
<b>150 mm<sup>2</sup></b> Outer diameter 23.5 mm Copper weight 1,440 kg/km	Black	• Spool
<b>185 mm<sup>2</sup></b> Outer diameter 26 mm Copper weight 1,776 kg/km	Black	• Spool
<b>240 mm<sup>2</sup></b> Outer diameter 29.5 mm Copper weight 2,304 kg/km	Green/Yellow	• Spool

2) See page 17.34