







H07V-R PVC Single Wire 70 °C



Technical data		
DIN VDE 0281 part 3	Conductor bare or tinned copper, wire strands, class 2 acc. to DIN 0295 Insulation PVC TI3 acc. to HD 21.1 ¹⁾ 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	+5 °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⁾
16 mm² Outer diameter 8.0 mm Copper weight 165 kg/km	Black Blue Green/Yellow	• Coil
25 mm² Outer diameter 9.8 mm Copper weight 260 kg/km	Black Blue Green/Yellow	• Coil
35 mm² Outer diameter 11 mm Copper weight 335 kg/km	Black Blue Green/Yellow	• Coil
50 mm² Outer diameter 12.0 mm Copper weight 480 kg/km	Black Green/Yellow	• Reel
70 mm² Outer diameter 15.0 mm Copper weight 672 kg/km	Black Green/Yellow	• Reel
95 mm² Outer diameter 17.0 mm Copper weight 912 kg/km	Black Green/Yellow	• Reel
120 mm² Outer diameter 19.0 mm Copper weight 1,152 kg/km	Black Green/Yellow	• Reel
150 mm² Outer diameter 21.0 mm Copper weight 1,440 kg/km	Black	• Reel
185 mm² Outer diameter 23.5 mm Copper weight 1,776 kg/km	Black	• Reel
240 mm² Outer diameter 25.5 mm Copper weight 2,304 kg/km	Black Green/Yellow	• Reel
300 mm² Outer diameter 28.5 mm Copper weight 2,880 kg/km	Black Green/Yellow	• Reel

1) Harmonizing document
2) See page 17.34

H07V-R PVC Single Wire 70 °C

	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

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.



AVT Industrial Components BV, Givatec BVBA and AGCO BV are part of AVT Wiring & Connecting

H07V-R PVC Single Wire 70 °C

AVT Wiring & Connecting
P.O. Box 7154
5605 JD Eindhoven
Freddy van Riemsdijkweg 7
5657 EE Eindhoven
The Netherlands

AVT Industrial Components BV, Givatec BVBA and AGCO BV are part of AVT Wiring & Connecting







AVT Industrial Components BV
+31 (0)40 20 88 088
sales@avtic.com
www.avtic.com

Givatec BVBA
+32 (0)16 400 500
sales@givatec.com
www.givatec.com

AGCO BV
+31 (0)40 208 80 044
sales@agco.nl
www.agco.nl



H05V-K PVC Single Wire 70 °C

	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

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.