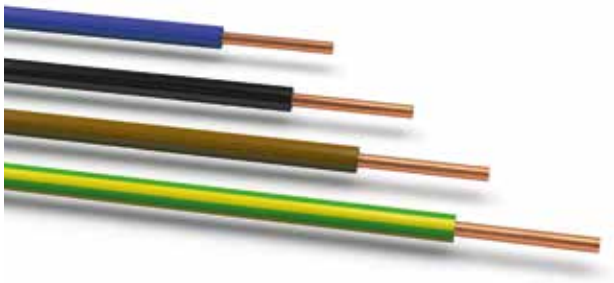
H05V-U
H05V-K

PVC-wiring cable
single-wired (U) • fine-wired (K)
acc. to VDE 0281 part 3 / acc. to HD 21.3 S3



APPLICATION

These cables are intended for internal appliance wiring as well as for protected laying in and on luminaires. Laying in conduits, on and under plaster for signalling equipment.

STANDARDS

2006/95/EC (Low-voltage Directive) CE

CONSTRUCTION

Conductor: copper, bare, single-wired (U); bare copper strand, fine-wired (K); acc. to VDE 0295 cl. 5
Core insulation: PVC
Core identification: acc. to VDE 0293

ELECTRICAL CHARACTERISTICS

Nominal voltage U_0/U	300/500 V
Test voltage	2000 V

THERMAL & MECHANICAL PROPERTIES

Temperature range during installation	+5°C to +70°C
Temperature range stationary	-40°C to +70°C
Min. bending radius during installation	4 x diameter

dimension	sheath thickness appr. mm	diameter appr. mm	cable weight ca. kg/km	copper index kg/km	article number
H05V-U					
0,5	0,6	2,0	8,8	4,8	
0,75	0,6	2,2	11,6	7,2	
1	0,6	2,4	14,3	9,6	
H05V-K					
0,5	0,6	2,2	8,7	4,8	
0,75	0,6	2,3	11,1	7,2	
1	0,6	2,5	13,8	9,6	

We reserve changes which serve technical progress • Copper base 150,00 € / 100,00 kg
Price upon quantity-specific request • Colours on request

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