H05 V-K PVC-Single Cores, fine wire stranded



Technical data

- PVC single cores to DIN VDE 0281-3 H05 V-K/H05 V-U to DIN VDE 0281 part 3, HD 21.3 S3 and IEC 60227-3
- **Temperature range** flexing -5 °C to +70 °C fixed installation -30 °C to +80 °C
- **Nominal voltage** U_0/U 300/500 V
- **Test voltage** H05 V-K 2000 V
- **Insulation resistance** min. 10 MOhm x km
- **Minimum bending radius** 12,5x cable ø
- **Radiation resistance** up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper fine wire stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, HD 383 and IEC 60228 cl. 5
- PVC core insulation, compound TI1 to DIN VDE 00281 part 3, HD 21.3 S3 and IEC 60227-3
- **Core Identification as per DIN VDE 0293**
- The following colours are recommended: black, white, blue, grey, brown, red, orange, turquoise, violet and pink. Exceptions are the colours green and yellow; these are only permitted if the safety regulations allows. Green is permitted for the identification of luminous decorative chains. All two-coloured combinations of the above single colours are allowed

Properties

- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

d-bl = dark blue (RAL approx. 5010)
u-bl = ultramarin blue (RAL approx. 5002)

Application

These insulated wires are determined for the installation to the inside of apparatus as well as for the protective laying to the lightings, in dry rooms, in production facilities, switch and distributor boards, in tubes, under and surface mounting of plasters.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

K

H05 V-K/mm²

Cross-section mm²	Outer Ø min. - max. mm	Cop. weight kg / km	black	gn-ye	blue	brown	red	white	grey	vio	ye	pink	green	trans	dk-bu	og	o.col.	2-col.	u-blue
approx. RAL			9005	-	5015	8003	3000	9003	7001	4005	1021	3015	6018	-	5010	2003	-	-	5002



Packing — **Coil in cardboard (100m)**

H05 V-K																			
Part no.			29081	29082	29083	29084	29085	29086	29087	29088	29089	29090	29091	29092	29093	29094	29095	29096	26386
0,5	2,1 - 2,5	4,8																	
Part no.			29097	29098	29099	29100	29101	29102	29103	29104	29105	29106	29107	29108	29109	29110	29111	29112	26387
0,75	2,2 - 2,7	7,2																	
Part no.			29113	29114	29115	29116	29117	29118	29119	29120	29121	29122	29123	29124	29125	29126	29127	29128	26388
1	2,4 - 2,8	9,6																	



Packing — **Spool (with various capacity)**

H05 V-																			
Part no.			26590	26591	26592	26593	26594	26595	26596	26597	26598	26599	26600	26601	26602	26603	26604	26605	26389
0,5	2,1 - 2,5	4,8																	
Part no.			26606	26607	26608	26609	26610	26611	26612	26613	26614	26615	26616	26617	26618	26619	26620	26621	26390
0,75	2,2 - 2,7	7,2																	
Part no.			26622	26623	26624	26625	26626	26627	26628	26629	26630	26631	26632	26633	26634	26635	26636	26637	26391
1	2,4 - 2,8	9,6																	

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