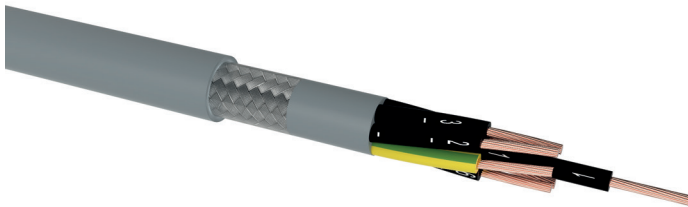


H05VVC4V5-K

PVC control cable, oil resistant, screened

DESIGN



- 1 | Copper conductor, fine wire (-K)
- 2 | Core insulation (PVC), cores stranded in layers
- 3 | Inner sheath (PVC grey)
- 4 | Screen (braided screen, tinned copper wires)
- 5 | Sheath (PVC grey RAL 7001)

APPLICATION

PVC control cable with increased oil resistant outer sheath for use as control and connecting cable for fixed laying and flexible applications in electrical devices, without tensile stress and/or guided movements. The cables are intended for indoor applications in dry, damp and wet rooms, especially when excellent EMC characteristics are requested.

TECHNICAL DATA



Standard:
EN 50525-2-11



Rated voltage:
300/500 V (U₀/U)



Test voltage:
2 kV / 50 Hz



Temperature range:
fixed: -30 °C up to 70 °C
moved: -5 °C up to 70 °C



Bending radius (min.):
3 x Ø up to 12 mm (fixed installed)
4 x Ø over 12 mm (fixed installed)
5 x Ø up to 12 mm (free motion)
6 x Ø over 12 mm (free motion)



Core identification:
colours according to CENELEC HD 308 S2



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant
CPR classification: E_{ca}

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
H05VVC4V5-K				
2 x 0.5	39	8.0	92	500 Sp, 1000 Sp
3 G 0.5	39	8.4	109	500 Sp, 1000 Sp
4 G 0.5	39	9.1	126	500 Sp, 1000 Sp
5 G 0.5	39	10.1	156	500 Sp, 1000 Sp
7 G 0.5	39	11.4	192	500 Sp, 1000 Sp
12 G 0.5	39	13.5	280	500 Sp, 1000 Sp
14 G 0.5	39	14.2	302	500 Sp, 1000 Sp
18 G 0.5	39	15.8	384	500 Sp, 1000 Sp
25 G 0.5	39	18.6	556	500 Sp, 1000 Sp
34 G 0.5	39	20.8	634	500 Sp, 1000 Sp
2 x 0.75	26	8.3	102	500 Sp, 1000 Sp
3 G 0.75	26	8.8	115	500 Sp, 1000 Sp
4 G 0.75	26	9.8	150	500 Sp, 1000 Sp
5 G 0.75	26	10.8	173	500 Sp, 1000 Sp
7 G 0.75	26	12.1	235	500 Sp, 1000 Sp
12 G 0.75	26	14.3	327	500 Sp, 1000 Sp
18 G 0.75	26	16.9	488	500 Sp, 1000 Sp
25 G 0.75	26	20.0	654	500 Sp, 1000 Sp
34 G 0.75	26	22.1	821	500 Sp, 1000 Sp

H05VVC4V5-K

PVC control cable, oil resistant, screened

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
H05VVC4V5-K				
2 x 1	19.5	8.6	114	500 Sp, 1000 Sp
3 G 1	19.5	9.3	142	500 Sp, 1000 Sp
4 G 1	19.5	10.2	175	500 Sp, 1000 Sp
5 G 1	19.5	11.0	205	500 Sp, 1000 Sp
7 G 1	19.5	12.9	264	500 Sp, 1000 Sp
12 G 1	19.5	15.6	420	500 Sp, 1000 Sp
14 G 1	19.5	15.7	433	500 Sp, 1000 Sp
18 G 1	19.5	17.4	561	500 Sp, 1000 Sp
25 G 1	19.5	21.1	766	500 Sp, 1000 Sp
34 G 1	19.5	24.1	996	500 Sp, 1000 Sp
2 x 1.5	13.3	9.1	146	500 Sp, 1000 Sp
3 G 1.5	13.3	10.2	176	500 Sp, 1000 Sp
4 G 1.5	13.3	10.9	207	500 Sp, 1000 Sp
5 G 1.5	13.3	11.6	235	500 Sp, 1000 Sp
7 G 1.5	13.3	13.5	314	500 Sp, 1000 Sp
12 G 1.5	13.3	16.8	500	500 Sp, 1000 Sp
18 G 1.5	13.3	20.0	707	500 Sp, 1000 Sp
25 G 1.5	13.3	24.2	950	500 Sp, 1000 Sp
34 G 1.5	13.3	26.3	1204	500 Sp, 1000 Sp
2 x 2.5	7.98	11.4	190	500 Sp, 1000 Sp
3 G 2.5	7.98	11.7	243	500 Sp, 1000 Sp
4 G 2.5	7.98	12.8	280	500 Sp, 1000 Sp
5 G 2.5	7.98	13.9	342	500 Sp, 1000 Sp
7 G 2.5	7.98	15.9	439	500 Sp, 1000 Sp
12 G 2.5	7.98	20.6	760	500 Sp, 1000 Sp
18 G 2.5	7.98	24.3	1052	500 Sp, 1000 Sp
25 G 2.5	7.98	29.0	1375	500 Sp, 1000 Sp
34 G 2.5	7.98	33.0	1892	500 Sp, 1000 Sp

Technical changes reserved. All figures are therefore without guarantee.

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