



Technical data

- PVC-single cores according to DIN VDE 0281 part 3 and HD 21.3 S3 UL-Style 1011 and CSA, CSA-AWM I A/B
- Temperature range**
H05 V-K/H07 V-K
flexing +5°C to +70°C
fixed installation -10°C to +70°C
UL/CSA +80°C
- Nominal voltage**
H05 V-K U₀/U 300/500 V (?1 mm²)
H07 V-K U₀/U 450/750 V (≥1,5 mm²)
UL/CSA 600 V AC
- Test voltage**
H05 V-K/H07 V-K 2000 V
- Spark Test**
AWG 20: 5 kV
>AWG 20: 6 kV
- Insulation resistance**
min. 20 MΩm x km
- Minimum bending radius**
for permanent bending
ca. 10-15 core Ø

Cable construction

- Bare copper fine wire stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, HD 383 and IEC 60228 cl. 5
- UL-Subject 758 Section G resp. ASTM B 174
- PVC core insulation TI1 to DIN VDE 0281 part 1 and UL-Std. 1581, class 43, CSA-C 22.2 No. 210 Tab. 12 class H
- Core colours to DIN VDE 0293

Properties

- PVC self-extinguishing and flame retardant according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B) UL-VW1 CSA FT1
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- Tinned conductor on request.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- The cross-sections 0,5 mm², 0,75 mm² and 1,0 mm² are according to H05 V-K, the cross-sections 1,5 up to 120 mm² according to H07 V-K.

Application

Three norms approved connecting jumper wire primarily designed for exportes, used in machine tools. This wire is used for internal wiring of switchboards and electrical equipment. The approbation of HAR-UL-CSA AWM make possible an economical storekeeping and simplification of parts list.

CE = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

H05 V-K/mm²

Cross-sec. mm ² / AWG-no.	Outer ø ca. mm	Cop. weight kg / km	black	blue	brown	red	white	grey	vio	pink	og	green	ye	gn-ye	2-col.	dk-bu	trans	o.col.
ca. RAL			9005	5015	8003	3000	1013	7000	4005	3015	2003	6018	1021	-	-	5010	-	-
Part No. 0,5 / 20	2,5	4,8	63815	63817	63818	63819	63820	63821	63822	63824	63828	63825	63823	63816	63830	63827	63826	63829
Part No. 0,75 / 19	2,6	7,2	63831	63833	63834	63835	63836	63837	63838	63840	63844	63841	63839	63832	63846	63843	63842	63845
Part No. 1 / 18	2,8	9,6	63847	63849	63850	63851	63852	63853	63854	63856	63860	63857	63855	63848	63862	63859	63858	63861

H07 V-K/mm²

Cross-sec. mm ² / AWG-no.	Outer ø ca. mm	Cop. weight kg / km	black	blue	brown	red	white	grey	vio	pink	og	green	ye	gn-ye	2-col.	dk-bu	trans	o.col.
ca. RAL			9005	5015	8003	3000	1013	7000	4005	3015	2003	6018	1021	-	-	5010	-	-
Part No. 1,5 / 16	3,0	14,4	63863	63865	63866	63867	63868	63869	63870	63872	63876	63873	63871	63864	63878	63875	63874	63877
Part No. 2,5 / 14	3,6	24,0	63879	63881	63882	63883	63884	63885	63886	63888	63892	63889	63887	63880	63894	63891	63890	63893
Part No. 4 / 12	4,1	38,0	63895	63897	63898	63899	63900	63901	63902	63904	63908	63905	63903	63896	63910	63907	63906	63909
Part No. 6 / 10	4,8	58,0	63911	63913	63914	63915	63916	63917	63918	63920	63924	63921	63919	63912	63926	63923	63922	63925
Part No. 10 / 8	6,4	96,0	63927	63929	63930	63931	63932	63933	63934	63936	63940	63937	63935	63928	63942	63939	63938	63941
Part No. 16 / 6	8,1	154,0	63943	63945	63946	63947	63948	63949	63950	63952	63956	63953	63951	63944	63958	63955	63954	63957
Part No. 25 / 4	9,6	240,0	63959	63961	63962	63963	63964	63965	63966	63968	63972	63969	63967	63960	63974	63971	63970	63973
Part No. 35 / 2	10,8	336,0	63975	63977	63978	63979	63980	63981	63982	63984	63988	63985	63983	63976	63990	63987	63986	63989

Dimensions and specifications may be changed without prior notice.

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