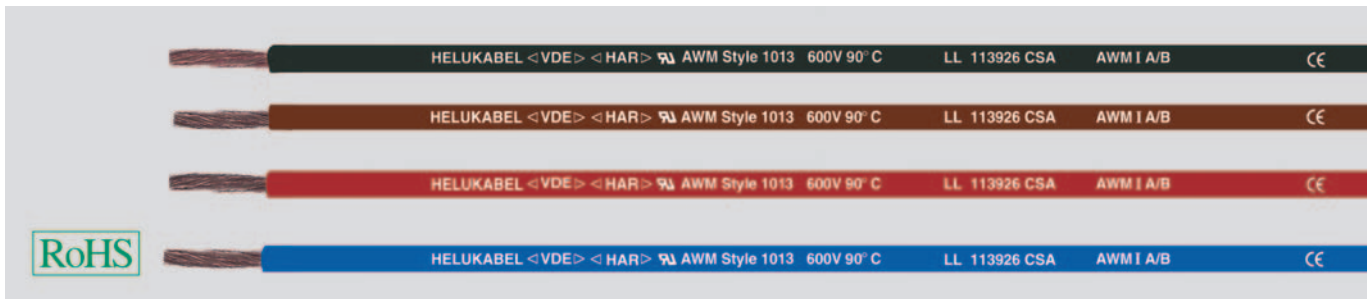


# THREENORM PVC single core, UL-Style 1013 and CSA 600 V



## Technical data

- PVC-single cores acc. to DIN VDE 0285-525-2-31, DIN EN 50525-2-31, UL-Style 1013 and CSA, CSA-AWM I/A/B
- **Temperature range**  
H05V-K/H07V-K  
flexing +5°C to +70°C  
fixed installation -10°C to +70°C  
UL/CSA +90°C
- **Nominal voltage**  
up to 1 mm<sup>2</sup> H05V-K: U<sub>0</sub>/U 300/500 V  
from 1,5 mm<sup>2</sup> H07V-K: U<sub>0</sub>/U 450/750 V  
UL/CSA 600 V AC
- **Test voltage**  
H05V-K/H07V-K 2000 V
- **Test voltage** (Spark Test)  
AWG 20 = 5 kV  
> AWG 20 = 6 kV
- **Insulation resistance**  
min. 20 MOhm x km
- **Minimum bending radius**  
fixed installation for core Ø:  
≤ 8 mm: 4x core Ø  
> 8-12 mm: 5x core Ø  
> 12 mm: 6x core Ø

## Cable structure

- Bare copper fine wire stranded to DIN VDE 0295 cl.5, BS 6360 cl.5, IEC 60228 cl.5, acc. to UL-Std.758 resp. ASTM B 174
- Core insulation of PVC compound type T11 to DIN VDE 0207-363-3/ DIN EN 50363-3 acc. to UL-Std.1581, class 43, CSA-C 22.2 No. 210 tab.12 class H
- Core identification to DIN VDE 0293 coloured

## Properties

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

## Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2/IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B) UL-VW-1, CSA FT1

## Note

- Tinned conductor on request.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm<sup>2</sup>.
- The cross-sections 0,5 mm<sup>2</sup>, 0,75 mm<sup>2</sup> and 1,0 mm<sup>2</sup> are acc. to H05 V-K, the cross-sections 1,5 up to 120 mm<sup>2</sup> acc. to H07 V-K.
- **Type H05 V:**  
approved one-colour mark:  
black, blue, brown, grey, orange, pink, red, turquoise, violet, white, green and yellow.  
Two-coloured mark in any combination of the above individual colours.
- **Type H07 V:**  
approved mark: black, blue, brown, grey, orange, pink, red, turquoise, violet, white and green-yellow.  
Other marks are available as (H).

## 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 2006/95/EC.

### H05V-K

Cross-sec. mm <sup>2</sup> / AWG-no. app. RAL	Outer Ø app. mm	Cop. weight kg / km	BK	GN-YE	BU	BN	RD	WH	GY	VT	YE	PK	GN	TRANS	D-BU	OG	o.col.	2-col.
Part no. 0,5 / 20	2,5	4,8	9005	-	5015	8003	3000	1013	7000	4005	1021	3015	6018	-	5010	2003	-	-
Part no. 0,75 / 19	2,65	7,2	63815	63816	63817	63818	63819	63820	63821	63822	63823	63824	63825	63826	63827	63828	63829	63830
Part no. 1 / 18	2,8	9,6	63831	63832	63833	63834	63835	63836	63837	63838	63839	63840	63841	63842	63843	63844	63845	63846
			63847	63848	63849	63850	63851	63852	63853	63854	63855	63856	63857	63858	63859	63860	63861	63862

Continuation ▶

# THREENORM PVC single core, UL-Style 1013 and CSA 600 V



## H07V-K

Cross-sec. mm <sup>2</sup> / AWG-no. app. RAL	Outer Ø app. mm	Cop. weight kg / km	BK	GN-YE	BU	BN	RD	WH	GY	VT	YE	PK	GN	TRANS	D-BU	OG	o.col.	2-col.
Part no. 1,5 / 16	3,05	14,4	63863	63864	63865	63866	63867	63868	63869	63870	63871	63872	63873	63874	63875	63876	63877	63878
Part no. 2,5 / 14	3,6	24,0	63879	63880	63881	63882	63883	63884	63885	63886	63887	63888	63889	63890	63891	63892	63893	63894
Part no. 4 / 12	4,1	38,0	63895	63896	63897	63898	63899	63900	63901	63902	63903	63904	63905	63906	63907	63908	63909	63910
Part no. 6 / 10	4,8	58,0	63911	63912	63913	63914	63915	63916	63917	63918	63919	63920	63921	63922	63923	63924	63925	63926
Part no. 10 / 8	6,4	96,0	63927	63928	63929	63930	63931	63932	63933	63934	63935	63936	63937	63938	63939	63940	63941	63942
Part no. 16 / 6	8,1	154,0	63943	63944	63945	63946	63947	63948	63949	63950	63951	63952	63953	63954	63955	63956	63957	63958
Part no. 25 / 4	9,6	240,0	63959	63960	63961	63962	63963	63964	63965	63966	63967	63968	63969	63970	63971	63972	63973	63974
Part no. 35 / 2	10,8	336,0	63975	63976	63977	63978	63979	63980	63981	63982	63983	63984	63985	63986	63987	63988	63989	63990
Part no. 50 / 1	13,6	480,0	63991	63992	63993	63994	63995	63996	63997	63998	63999	64000	64001	64002	64003	64004	64005	64006
Part no. 70 / 2/0	15,2	672,0	64007	64008	64009	64010	64011	64012	64013	64014	64015	64016	64017	64018	64019	64020	64021	64022
Part no. 95 / 3/0	16,8	912,0	64023	64024	64025	64026	64027	64028	64029	64030	64031	64032	64033	64034	64035	64036	64037	64038
Part no. 120 / 4/0	19,5	1152,0	64039	64040	64041	64042	64043	64044	64045	64046	64047	64048	64049	64050	64051	64052	64053	64054
Part no. 150 / 300 kcmil	22,2	1440,0	64055	64056	64057	64058	64059	64060	64061	64062	64063	64064	64065	64066	64067	64068	64069	64070

Dimensions and specifications may be changed without prior notice. (RN06)



Suitable accessories can be found in Chapter X.

- Cable Gland - HELUcond PA6-L
- Cable Gland - HELUcond PA6-UL