

FIVENORM HAR-UL-CSA-AWM-MTW, PVC single core, UL-Style 1015/UL-Standard 1063, 600V, 105°C



Technical data

- PVC-single cores according to DIN VDE 0281 part 7 and HD 21.7 S2, UL-Std. 1063, UL-Style 1015 and CSA-TEW and CSA-AWM I/A/B
- **Temperature range**
H05 V2-K/H07 V2-K
flexing +5°C to +90°C
fixed installation -10°C to +105°C
UL (AWM) +105°C
UL (MTW) +90°C
CSA (TEW) +105°C
- **Nominal voltage**
H05 V2-K: U₀/U 300/500 V (up to 1 mm²)
H07 V2-K: U₀/U 450/750 V (≥1,5 mm²)
UL/CSA 600 V AC, 750 V DC
- **Test voltage**
H05 V2-K/H07 V2-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 and UL-Subject 758 Section G
- PVC core insulation TI3 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
- 2-colour combination - Part No. on request

Properties

- PVC self-extinguishing and flameretardant 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), 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.
- The cross-sections 0,5 mm², 0,75 mm² and 1,0 mm² are according to H05 V2-K, the cross-sections 1,5 up to 35 mm² according to H07 V2-K, the cross-sections >35 mm² are identified as H07 V-K.
- Cross-sections up to 35 mm² is according to DIN VDE 0281 part 5. Due to this cross-section >35 mm² is the type but with an increased heat-resistant PVC-compound.

Application

Five norms approved connecting jumper wire primarily designed for exportes, used in machine tools. The approbation of HAR, UL-AWM, UL-MTW, CSA-AWM, CSA-Equipment-wire 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 V2-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	64075	64077	64078	64079	64080	64081	64082	64084	64088	64085	64083	64076	o. r.	64087	64086	64089
Part No. 0,75 / 19	2,6	7,2	64091	64093	64094	64095	64096	64097	64098	64100	64104	64101	64099	64092	o. r.	64103	64102	64105
Part No. 1 / 18	2,8	9,6	64107	64109	64110	64111	64112	64113	64114	64116	64120	64117	64115	64108	o. r.	64119	64118	64121

H07 V2-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	64123	64125	64126	64127	64128	64129	64130	64132	64136	64133	64131	64124	o. r.	64135	64134	64137
Part No. 2,5 / 14	3,6	24,0	64139	64141	64142	64143	64144	64145	64146	64148	64152	64149	64147	64140	o. r.	64151	64150	64153
Part No. 4 / 12	4,1	38,0	64155	64157	64158	64159	64160	64161	64162	64164	64168	64165	64163	64156	o. r.	64167	64166	64169
Part No. 6 / 10	4,8	58,0	64171	64173	64174	64175	64176	64177	64178	64180	64184	64181	64179	64172	o. r.	64183	64182	64185
Part No. 10 / 8	6,4	96,0	64187	64189	64190	64191	64192	64193	64194	64196	64200	64197	64195	64188	o. r.	64199	64198	64201
Part No. 16 / 6	8,1	154,0	64203	64205	64206	64207	64208	64209	64210	64212	64216	64213	64211	64204	o. r.	64215	64214	64217
Part No. 25 / 4	9,6	240,0	64219	64221	64222	64223	64224	64225	64226	64228	64232	64229	64227	64220	o. r.	64231	64230	64233
Part No. 35 / 2	10,8	336,0	64235	64237	64238	64239	64240	64241	64242	64244	64248	64245	64243	64236	o. r.	64247	64246	64249

Dimensions and specifications may be changed without prior notice.

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