

# TRI-RATED SINGLE CORE

H07V2-K, heat resistant



## Technical data

- PVC Single core in accordance with T13 according to EN 50363-1 and Class 43 according to UL 1581
- **Temperature range**  
flexing -30°C to +90°C  
fixed installation -30°C to +105°C (UL CSA)
- **Nominal voltage**  
Acc. EN (H05V2-K): 300/500 V  
Acc. EN (H07V2-K): 450/750 V  
Acc. BS (CK): U<sub>0</sub>/U: 600/1000 V  
Acc. UL (AWM): U: 600 V  
Acc. CSA (TEW): U: 600 V
- **Test voltage**  
2000 V
- **Minimum bending radius**  
fixed 5x cable Ø

## Cable structure

- Electrolytic annealed copper conductor, flexible class 5 according to IEC 60228 and BS 6360.
- High temperature polyvinyl chloride insulation, type T13 according to EN 50363-1 and Class 43 according to UL 1581.

## Properties

- Max. short-circuit temperature +160°C for max. 5 seconds

### Tests

- Flame retardant according to DIN 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- FT1


### Approvals

- AENOR <HAR>
- UL
- CSA c.22.2 No. 210
- BS 6231 Type CK

## Application

Cable suitable for fixed and protected installation, for internal wiring, command and control switchgear and for assemblies of lighting. Cross-sections up to 1 mm<sup>2</sup> are only recommended for signal and control circuits. The multiple-standard design makes them adequate to be commercialised worldwide without technical barriers.

CE = Product conforms with Low-Voltage Directive 2014/35/EU.

Cross-sec. mm <sup>2</sup> /AWG-no.	Outer-Ø app. 5% mm	Cop. weight kg / km	Weight app. kg / km														
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
0,5	2,4	4,8	10	18066300	18066309	18066301	18066312	18066310	18066306	18066302	18066305	18066311	18066308	18066303	18066313	18066304	18066307
0,75	2,7	7,2	13	18066314	18066323	18066315	18066326	18066324	18066320	18066316	18066319	18066325	18066322	18066317	18066327	18066318	18066321
1	2,8	9,6	15	18066328	18066337	18066329	18066340	18066338	18066334	18066330	18066333	18066339	18066336	18066331	18066341	18066332	18066335
1,5	3	14,4	20	18066342	18066351	18066343	18066354	18066352	18066348	18066344	18066347	18066353	18066350	18066345	18066355	18066346	18066349
2,5	3,5	24	30	18066356	18066365	18066357	18066368	18066366	18066362	18066358	18066361	18066367	18066364	18066359	18066369	18066360	18066363
4	4	38,4	45	18066370	18066379	18066371	18066382	18066380	18066376	18066372	18066375	18066381	18066378	18066373	18066383	18066374	18066377
6	4,6	57,6	65	18066384	18066393	18066385	18066396	18066394	18066390	18066386	18066389	18066395	18066392	18066387	18066397	18066388	18066391
10	6,3	96	110	18066398	18066407	18066399	18066410	18066408	18066404	18066400	18066403	18066409	18066406	18066401	18066411	18066402	18066405
16	8	153,6	180	18066412	18066421	18066413	18066424	18066422	18066418	18066414	18066417	18066423	18066420	18066415	18066425	18066416	18066419