

# DESCAFLEX T-70

0,50 mm<sup>2</sup> - 185,00 mm<sup>2</sup>

Stranded wires PVC 70°C H05V-K / H07V-K

## Application

For internal wiring of electrical and electronic equipments, switchboards, in control and instrumentation panels, etc..

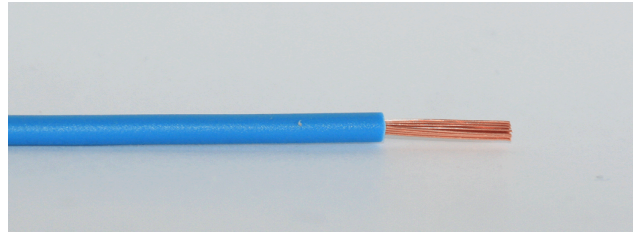
The packaging barrel allows a very economical processing of the stranded wires. The barrels are stackable and feature an easy handling and a low weight.

## Construction

Flexible bare copper conductors, acc. to IEC 60228, class 5  
Insulation PVC

### Note:

The stranded wires from cross-section 1.50 mm<sup>2</sup> in the colours green, yellow and bi-coloured types, with the exception of the protective conductor green-yellow, are manufactured according to H07V-K. They are not harmonized <HAR>.



## Technical Properties

Rated voltage U <sub>0</sub> /U	
up to 1,00 mm <sup>2</sup>	300 / 500 V
from 1,50 mm <sup>2</sup>	450 / 750 V
Test voltage	
up to 1,00 mm <sup>2</sup>	2000 V
from 1,50 mm <sup>2</sup>	2500 V
Temperature range	- 5°C ... + 70°C
Minimum bending radius	6 x outer diameter

## Standards / Approvals

Cenelec HD 21	
from 0,50 mm <sup>2</sup> H05V-K	<HAR>
from 1,50 mm <sup>2</sup> H07V-K	<HAR>

Cross section mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
0,50	2.15	4.80	8.00
0,50	2.15	4.80	8.00
0,75	2.35	7.20	11.00
0,75	2.35	7.20	11.00
1,00	2.55	9.60	14.00
1,00	2.55	9.60	14.00
1,50	3.00	14.40	19.00
1,50	3.00	14.40	19.00
2,50	3.65	24.00	31.00
2,50	3.65	24.00	31.00
4,00	4.30	38.40	45.00
4,00	4.30	38.40	45.00
6,00	4.80	57.60	65.00
6,00	4.80	57.60	65.00
10,00	6.20	96.00	116.00
10,00	6.20	96.00	116.00
16,00	7.40	153.60	177.00
16,00	7.40	153.60	177.00
25,00	9.00	240.00	276.00
35,00	10.50	336.00	379.00
50,00	12.00	480.00	534.00
70,00	14.00	672.00	734.00
95,00	16.00	912.00	984.00
120,00	18.00	1152.00	1230.00
150,00	20.50	1440.00	1526.00
185,00	22.50	1776.00	1869.00

Packaging	Dimension
Spool 200 m	160 x 90 x Centre 60 mm
Barrel 2500 m	400 x 400 x 400 mm
Spool 100 m	160 x 75 x Centre 60 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 100 m	160 x 75 x Centre 60 mm
Barrel 1500 m	400 x 400 x 400 mm
Spool 100 m	160 x 75 x Centre 60 mm
Barrel 1300 m	400 x 400 x 400 mm
Spool 100 m	160 x 90 x Centre 60 mm
Barrel 800 m	400 x 400 x 400 mm
Ring 100 m	
Barrel 500 m	400 x 400 x 400 mm
Ring 100 m	
Barrel 400 m	400 x 400 x 400 mm
Coil 100 m	
Drum	cut to desired length
Coil 100 m	
Drum	cut to desired length
Drum	cut to desired length
Drum	cut to desired length
Drum	cut to desired length
Drum	cut to desired length
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Colour code see next pages

## on request

in bigger barrels 500 x 500 x 800 mm or on bigger spools

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Stranded wires PVC 70°C H05V-K / H07V-K

Colour code								
<b>0,50 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 200 m	100660	100665	100670	100675	100680	100685	100690	100695
Barrel 2500 m	100662	100667	100672	100677	100682	100687	100692	100697
	green	orange	violet	yellow	rose	transparent	white-black	white-red
Spool 200 m	100700	100705	100710	100715	100720	100735	100740	100742
Barrel 2500 m	100702	100707	100712	100717	100722	100737	100741	100743
	white-blue	white-green	white-grey	white-brown	white-orange	white-violet	white-yellow	white-rose
Spool 200 m	100744	100746	100748	100750	100752	100754	100756	100758
Barrel 2500 m	100745	100747	100749	100751	100753	100755	100757	100759
	red-blue	red-black	blue-green	blue-black	green-black	green-red	brown-red	
Spool 200 m	100760	100762	100764	100766	100768	100770	100772	
Barrel 2500 m	100761	100763	100765	100767	100769	100771	100773	
<b>0,75 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	100860	100865	100870	100875	100880	100885	100890	100895
Barrel 2000 m	100862	100867	100872	100877	100882	100887	100892	100897
	green	orange	violet	yellow	rose	transparent	white-black	white-red
Spool 100 m	100900	100905	100910	100915	100920	100935	100940	100942
Barrel 2000 m	100902	100907	100912	100917	100922	100937	100941	100943
	white-blue	white-green	white-grey	white-brown	white-orange	white-violet	white-yellow	white-rose
Spool 100 m	100944	100946	100948	100950	100952	100954	100956	100958
Barrel 2000 m	100945	100947	100949	100951	100953	100955	100957	100959
	red-blue	red-black	blue-green	blue-black	green-black	green-red	brown-red	
Spool 100 m	100960	100962	100964	100966	100968	100970	100972	
Barrel 2000 m	100961	100963	100965	100967	100969	100971	100973	
<b>1,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	101060	101065	101070	101075	101080	101085	101090	101095
Barrel 1500 m	101062	101067	101072	101077	101082	101087	101092	101097
	green	orange	violet	yellow	rose	transparent	white-black	white-red
Spool 100 m	101100	101105	101110	101115	101120	101135	101140	101142
Barrel 1500 m	101102	101107	101112	101117	101122	101137	101141	101143
	white-blue	white-green	white-grey	white-brown	white-orange	white-violet	white-yellow	white-rose
Spool 100 m	101144	101146	101148	101150	101152	101154	101156	101158
Barrel 1500 m	101145	101147	101149	101151	101153	101155	101157	101159
	red-blue	red-black	blue-green	blue-black	green-black	green-red	brown-red	
Spool 100 m	101160	101162	101164	101166	101168	101170	101172	
Barrel 1500 m	101161	101163	101165	101167	101169	101171	101173	
<b>1,50 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	101260	101265	101270	101275	101280	101285	101290	101295
Barrel 1300 m	101262	101267	101272	101277	101282	101287	101292	101297
	green	orange	violet	yellow	rose	transparent	white-black	white-red
Spool 100 m	101300	101305	101310	101315	101320	101335	101340	101342
Barrel 1300 m	101302	101307	101312	101317	101322	101337	101341	101343
	white-blue	white-green	white-grey	white-brown	white-orange	white-violet	white-yellow	white-rose
Spool 100 m	101344	101346	101348	101350	101352	101354	101356	101358
Barrel 1300 m	101345	101347	101349	101351	101353	101355	101357	101359
	red-blue	red-black	blue-green	blue-black	green-black	green-red	brown-red	
Spool 100 m	101360	101362	101364	101366	101368	101370	101372	
Barrel 1300 m	101361	101363	101365	101367	101369	101371	101373	

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Colour code								
<b>2,50 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	101460	101465	101470	101475	101480	101485	101490	101495
Barrel 800 m	101462	101467	101472	101477	101482	101487	101492	101497
	green	orange	violet	yellow	rose	transparent	white-black	white-red
Spool 100 m	101500	101505	101510	101515	101520	101535	101540	101542
Barrel 800 m	101502	101507	101512	101517	101522	101537	101541	101543
	white-blue	white-green	white-grey	white-brown	white-orange	white-violet	white-yellow	white-rose
Spool 100 m	101544	101546	101548	101550	101552	101554	101556	101558
Barrel 800 m	101545	101547	101549	101551	101553	101555	101557	101559
	red-blue	red-black	blue-green	blue-black	green-black	green-red	brown-red	
Spool 100 m	101560	101562	101564	101566	101568	101570	101572	
Barrel 800 m	101561	101563	101565	101567	101569	101571	101573	
<b>4,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Coil 100 m	101660	101665	101670	101675	101680	101685	101690	101695
Drum	101661	101666	101671	101676	101681	101686	101691	101696
Barrel 500 m	101662	101667	101672	101677	101682	101687	101692	101697
	green	orange	violet	yellow	rose	transparent		
Coil 100 m	101700	101705	101710	101715	101720	101735		
Drum	101701	101706	101711	101716	101721	101736		
Barrel 500 m	101702	101707	101712	101717	101722	101737		
<b>6,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Coil 100 m	101760	101765	101770	101775	101780	101785	101790	101795
Drum	101761	101766	101771	101776	101781	101786	101791	101796
Barrel 400 m	101762	101767	101772	101777	101782	101787	101792	101797
	green	orange	violet	yellow	rose	transparent		
Coil 100 m	101800	101805	101810	101815	101820	101835		
Drum	101801	101806	101811	101816	101821	101836		
Barrel 400 m	101802	101807	101812	101817	101822	101837		
<b>10,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Coil 100 m	101860	101862	101864	101866	101868	101870	101872	101874
Drum	101861	101863	101865	101867	101869	101871	101873	101875
	green	orange	violet	yellow	rose			
Coil 100 m	101876	101878	101880	101882	101884			
Drum	101877	101879	101881	101883	101885			
<b>16,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Coil 100 m	101890	101892	101894	101896	101898	101900	101902	101904
Drum	101891	101893	101895	101897	101899	101901	101903	101905
	green	orange	violet	yellow	rose			
Coil 100 m	101906	101908	101910	101912	101914			
Drum	101907	101909	101911	101913	101915			
<b>25,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Drum	101920	101921	101922	101923	101924	101925	101926	101927
<b>35,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Drum	101935	101936	101937	101938	101939	101940	101941	101942
<b>50,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Drum	101950	101951	101952	101953	101954	101955	101956	101957
<b>70,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey			
Drum	101965	101966	101967	101968	101969			
<b>95,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey			
Drum	101975	101976	101977	101978	101979			
<b>120,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey			
Drum	101985	101986	101987	101988	101989			
<b>150,00 mm<sup>2</sup></b>	black	light blue	green-yellow					
Drum	101995	101996	101997					
<b>185,00 mm<sup>2</sup></b>	black							
Drum	102000							

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## other colours

blue-black	green-black	green-red	brown-red	grey-black	grey-red	grey-green	grey-rose
brown-green	yellow-black	yellow-red	yellow-blue	yellow-grey	yellow-brown	yellow-rose	grey-blue
grey-brown	rose-black	rose-blue	rose-green	rose-brown	brown-blue	brown-black	orange-blue

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