

# DESCAFLEX T-105 vz

0,14 mm<sup>2</sup> - 2,50 mm<sup>2</sup>

Stranded wires PVC 90°C / 105°C / N03V2-K / H05V2-K / H07V2-K

## Application

As a connecting wire in an environment that demands a high temperature resistance and/or as a connection cable for motor and transformer windings, choke- and relay coils which are subjected to an impregnation, etc.

A very economical processing of the wires allows the packaging in barrels. They are stackable and feature easy handling and low weight.

## Construction

Flexible tinned copper conductors, acc. to IEC 60228, class 5 except

0,14 mm <sup>2</sup>	7 x 0,15 mm
0,25 mm <sup>2</sup>	8 x 0,20 mm
0,34 mm <sup>2</sup>	12 x 0,20 mm

Cores insulation PVC, heat resistant

### Note:

The 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 H07V2-K. They are not harmonized <HAR>.



## Technical Properties

Rated voltage U <sub>0</sub> /U	
up to 0,34 mm <sup>2</sup>	300 / 300 V
up to 0,50 mm <sup>2</sup>	300 / 500 V
from 1,50 mm <sup>2</sup>	450 / 750 V
Test voltage	
up to 0,34 mm <sup>2</sup>	1500 V
up to 0,50 mm <sup>2</sup>	2000 V
from 1,50 mm <sup>2</sup>	2500 V
Temperature range	- 5°C ... + 90°C
	- 5°C ... + 105°C (reduced withstand)
Minimum bending radius	6 x outer diameter

## Standards / Approvals

Cenelec HD 21.7	
up to 0,34 mm <sup>2</sup> N03V2-K	
from 0,50 mm <sup>2</sup>	H05V2-K
from 1,50 mm <sup>2</sup>	H07V2-K

Cross section mm <sup>2</sup>	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
0,14	1.20	1.40	2.50
0,14	1.20	1.40	2.50
0,25	1.50	2.40	4.50
0,25	1.50	2.40	4.50
0,34	1.60	3.30	5.30
0,34	1.60	3.30	5.30
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

Packaging	Dimension
Spool 200 m	160 x 90 x Centre 60 mm
Barrel 4000 m	400 x 400 x 400 mm
Spool 200 m	160 x 90 x Centre 60 mm
Barrel 3500 m	400 x 400 x 400 mm
Spool 200 m	160 x 90 x Centre 60 mm
Barrel 3000 m	400 x 400 x 400 mm
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

Colour code see next page

## on request

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

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0,14 mm<sup>2</sup> - 2,50 mm<sup>2</sup>

Stranded wires PVC 90°C / 105°C / N03V2-K / H05V2-K / H07V2-K

Colour code								
<b>0,14 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 200 m	107200	107205	107210	107215	107220	107225	107230	107235
Barrel 4000 m	107202	107207	107212	107217	107222	107227	107232	107237
	green	orange	violet	yellow	rose	turquoise	transparent	
Spool 200 m	107240	107245	107250	107255	107260	107265	107270	
Barrel 4'000 m	107242	107247	107252	107257	107262	107267	107271	
<b>0,25 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 200 m	107350	107355	107360	107365	107370	107375	107380	107385
Barrel 3500 m	107352	107357	107362	107367	107372	107377	107382	107387
	green	orange	violet	yellow	rose	turquoise	transparent	
Spool 200 m	107390	107395	107400	107405	107410	107415	107420	
Barrel 3500 m	107392	107397	107402	107407	107412	107417	107421	
<b>0,34 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 200 m	107500	107505	107510	107515	107520	107525	107530	107535
Barrel 3000 m	107502	107507	107512	107517	107522	107527	107532	107537
	green	orange	violet	yellow	rose	turquoise	transparent	
Spool 200 m	107540	107545	107550	107555	107560	107565	107570	
Barrel 3000 m	107542	107547	107552	107557	107562	107567	107571	
<b>0,50 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 200 m	107650	107655	107660	107665	107670	107675	107680	107685
Barrel 2500 m	107652	107657	107662	107667	107672	107677	107682	107687
	green	orange	violet	yellow	rose	turquoise	transparent	
Spool 200 m	107690	107695	107700	107705	107710	107715	107720	
Barrel 2500 m	107692	107697	107702	107707	107712	107717	107721	
<b>0,75 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	107800	107805	107810	107815	107820	107825	107830	107835
Barrel 2000 m	107802	107807	107812	107817	107822	107827	107832	107837
	green	orange	violet	yellow	rose	turquoise	transparent	
Spool 100 m	107840	107845	107850	107855	107860	107865	107870	
Barrel 2000 m	107842	107847	107852	107857	107862	107867	107871	
<b>1,00 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	107950	107955	107960	107965	107970	107975	107980	107985
Barrel 1500 m	107952	107957	107962	107967	107972	107977	107982	107987
	green	orange	violet	yellow	rose	turquoise	transparent	
Spool 100 m	107990	107995	108000	108005	108010	108015	108020	
Barrel 1500 m	107992	107997	108002	108007	108012	108017	108021	
<b>1,50 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	108100	108105	108110	108115	108120	108125	108130	108135
Barrel 1300 m	108102	108107	108112	108117	108122	108127	108132	108137
	green	orange	violet	yellow	rose	turquoise	transparent	
Spool 100 m	108140	108145	108150	108155	108160	108165	108170	
Barrel 1300 m	108142	108147	108152	108157	108162	108167	108171	
<b>2,50 mm<sup>2</sup></b>	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 100 m	108250	108255	108260	108265	108270	108275	108280	108285
Barrel 800 m	108252	108257	108262	108267	108272	108277	108282	108287
	green	orange	violet	yellow	rose			
Spool 100 m	108290	108295	108300	108305	108310			
Barrel 800 m	108292	108297	108302	108307	108312			

other colours								
white-black	white-red	white-blue	white-green	white-grey	white-brown	white-orange	white-violet	
white-yellow	white-rose	red-blue	red-black	blue-green	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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