

DESCAFLEX T-105 vz

0,14 mm² - 2,50 mm²

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

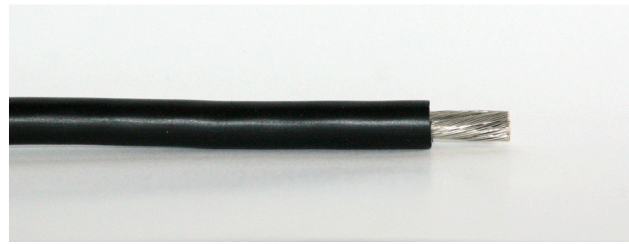
Flexible tinned copper conductors, acc. to IEC 60228, class 5 except

0,14 mm ²	8 x 0,15 mm
0,25 mm ²	8 x 0,20 mm
0,34 mm ²	12 x 0,20 mm
0,50 mm ²	16 x 0,20 mm
0,75 mm ²	42 x 0,15 mm

Cores insulation PVC, heat resistant

Note:

The wires from cross-section 1.50 mm² 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 ₀ /U	
up to 0,34 mm ²	300 / 300 V
up to 0,50 mm ²	300 / 500 V
from 1,50 mm ²	450 / 750 V
Test voltage	
up to 0,34 mm ²	1500 V
up to 0,50 mm ²	2000 V
from 1,50 mm ²	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 ² N03V2-K	
from 0,50 mm ²	H05V2-K
from 1,50 mm ²	H07V2-K

Cross section mm ²	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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Colour code								
0,14 mm²	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	
0,25 mm²	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	
0,34 mm²	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	
0,50 mm²	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	
0,75 mm²	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	
1,00 mm²	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	
1,50 mm²	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	
2,50 mm²	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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