

DESCAFIL T-90

0,50 mm² - 2,50 mm²

Solid wires PVC 90°C (105°C) H05V2-U / H07V2-U

Application

For wiring in lighting installation and in an environment that demands a high temperature resistance, for wiring of appliances as well as solid wire in domestic and industrial installations, in conduit pipe either on or underneath plaster, for wiring in control panels, etc..

Construction

Solid bare copper conductors, acc. to IEC 60228, class 2
Insulation PVC, heat-resistant

Note:

The solid wires from cross-section 1.50 mm² in the colours green, yellow and bi-coloured types, with the exception of the predictive conductor green-yellow, are manufactured according to H07V2-U. They are not harmonized <HAR>.



Technical Properties

Rated voltage U ₀ /U	
up to 1,00 mm ²	300 / 500 V
from 1,50 mm ²	450 / 750 V
Test voltage	
up to 1,00 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	
from 0,50 mm ²	H05V2-U <HAR>
from 1,50 mm ²	H07V2-U <HAR>

Cross section Mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
0,50	2.10	4.80	9.00
0,50	2.10	4.80	9.00
0,75	2.30	7.20	11.00
0,75	2.30	7.20	11.00
1,00	2.50	9.60	14.00
1,00	2.50	9.60	14.00
1,50	2.90	14.40	20.00
1,50	2.90	14.40	20.00
2,50	3.50	24.00	32.00
2,50	3.50	24.00	32.00

Packaging	Dimension
Spool 1000 m	250 x 170 x centre 90 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 1000 m	250 x 170 x centre 90 mm
Barrel 2000 m	400 x 400 x 400 mm
Spool 500 m	250 x 170 x centre 90 mm
Barrel 1500 m	400 x 400 x 400 mm
Spool 500 m	250 x 170 x centre 90 mm
Barrel 1000 m	400 x 400 x 400 mm
Spool 400 m	250 x 170 x centre 90 mm
Barrel 600 m	400 x 400 x 400 mm

Colour code see next page

on request

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

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Colour code								
0,50 mm²	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 1000 m	151170	151174	151178	151182	151186	151190	151194	151198
Barrel 2000 m	151172	151176	151180	151184	151188	151192	151196	151200
	green	orange	violet	yellow	rose			
Spool 1000 m	151202	151206	151210	151214	151218			
Barrel 2000 m	151204	151208	151212	151216	151220			
0,75 mm²	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 1'000 m	151241	151245	151249	151253	151257	151261	151265	151269
Barrel 2000 m	151242	151246	151250	151254	151258	151262	151266	151270
	green	orange	violet	yellow	rose			
Spool 1'000 m	151273	151277	151281	151285	151289			
Barrel 2000 m	151274	151278	151282	151286	151290			
1,00 mm²	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 500 m	151310	151314	151318	151322	151326	151330	151334	151338
Barrel 1500 m	151312	151316	151320	151324	151328	151332	151336	151340
	green	orange	violet	yellow	rose			
Spool 500 m	151342	151346	151350	151354	151358			
Barrel 1500 m	151344	151348	151352	151356	151360			
1,50 mm²	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 500 m	151380	151384	151388	151392	151396	151400	151404	151408
Barrel 1000 m	151382	151386	151390	151394	151398	151402	151406	151410
	green	orange	violet	yellow	rose			
Spool 500 m	151412	151416	151420	151424	151428			
Barrel 1000 m	151414	151418	151422	151426	151430			
2,50 mm²	black	light blue	green-yellow	brown	grey	dark blue	red	white
Spool 400 m	151450	151454	151458	151462	151466	151470	151474	151478
Barrel 600 m	151452	151456	151460	151464	151468	151472	151476	151480
	green	orange	violet	yellow	rose			
Spool 400 m	151482	151486	151490	151494	151498			
Barrel 600 m	151484	151488	151492	151496	151500			

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