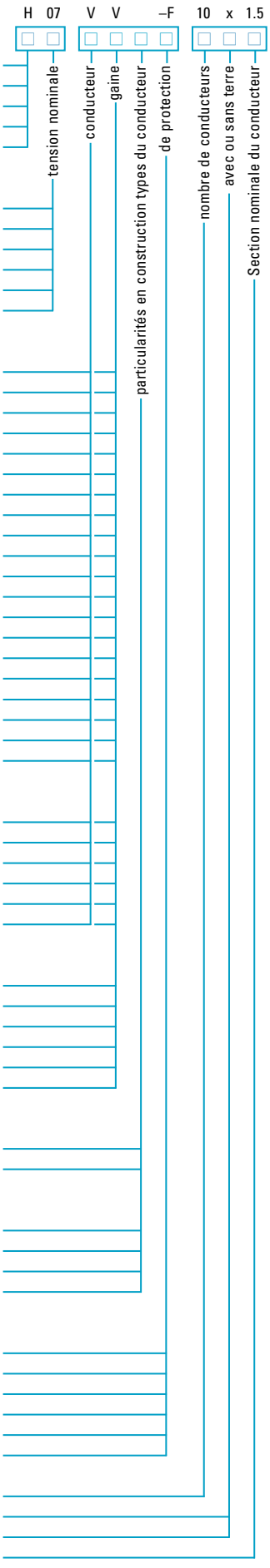
# Abbreviation keys according to Cenelec HD 361

## Example: Cable Td with PVC




**Sign of definitions:**

| | |
|---|---|
| Harmonized type | H. |
| Accepted national type | A. |
| Other national types | N. |
| Übersetzung Englisch fehlt!!! | |
| Cables according to special clauses | S. |

**Nominal voltage Uo/U:**

| | |
|---|---|
| < 100/ 100 Volt | 00. |
| > 100/ 100 Volt | 01. |
| 300/ 300 Volt | 03. |
| 300/ 500 Volt | 05. |
| 450/ 700 Volt | 07. |
| 600/1000 Volt | 1. |

**Materials for insulation and/or jacket:**

| | | |
|---|---|---|
| EPDM | Normal resistant | B |
| EPDM | Flame resistant | B2 |
| PE | Polyethylene | E |
| FEP | Teflon | E5 |
| ETFE | Tefzel | E6 |
| PP | Polypropylene | E7 |
| CR | Neoprene rubber | N |
| CSM | Hypalon rubber | N4 |
| PUR | Polyurethan (PURWIL®) | Q |
| PETP | Polyester | Q2 |
| PA | Polyamid, Kapton | Q4 |
| NR | Natural rubber | R |
| SIR | Silicone rubber | S |
| | Textile braided | T |
| | Textile lapped | T3 |
| PVC | Polyvinyl chloride (≤ +70° C) | V |
| PVC | Polyvinyl chloride (≥ +70° C) | V2 |
| PVC | Polyvinyl chloride cold resistant | V3 |
| PVC | Polyvinyl chloride oil resistant | V5 |
| XLPE | Cross linked polyethylene | X |

**Screens:**

| | |
|---|---|
| Common aluminium screen over all cores | A7 |
| Aluminium screen over each core | A8 |
| Copper braiding over all cores | C4 |
| Copper braiding over each core | C5 |
| Copper screen (tape, wires) over all cores | C7 |
| Copper screen (tape, wires) over each core | C8 |

**Armouring:**

| | |
|---|---|
| Round wires armouring | Z2 |
| Flat wires armouring | Z3 |
| Steel tape armouring | Z4 |
| Steel wires braiding | Z5 |
| Aluminium round wires armouring | Y2 |
| Aluminium flat wires armouring | Y3 |

**Constructional items:**

| | |
|---|---|
| Metallic or textile supporting strand (in the center) | D3 |
| Metallic or textile supporting strand (STAWILPORT®) | D8 |

**Special constructions:**

| | |
|---|---|
| Flat divisible cord | H |
| Flat non-divisible cord | H2 |
| Flat cord according HD 359 | H6 |
| Spiral cable | H8 |

**Conductor construction:**

| | |
|---|---|
| Round conductor, solid | -U |
| Round stranded conductor | -R |
| Flexible conductor for fixed installations | -K |
| Flexible conductor of cable or cord | -F |
| High flexible conductor | -H |
| Tinsel conductor | -Y |

| | |
|---|---|
| Number of conductors | |
| Without green/yellow core | X |
| With green/yellow core | G |
| Size of conductor (mm²) | |

**European Committee for Electrotechnical Standardization**

**Definitions**

The historical development led in the individual European countries to different techniques of the current distribution as well as the protection and installation services systems. Closely connected hereby is the independent development of the cable and line technique in the individual countries.

Function and target of all harmonization efforts are based on the demand of the EC-contracts of Rome to eliminate barriers to trade.

This means for the line technique:
- Standardization of the construction and materials.
- Standardization of the requirements and test regulations.
- Acknowledgment of the products manufactured according to harmonized regulations by instances and business partners.

Carriers of the harmonization in the involved countries are the existing standardisation associations for the area of electro-technology.

The harmonized documents are followed by:

| | |
|---|---|
| A: | Austria |
| B: | Belgium |
| CH: | Switzerland |
| D: | Germany |
| DK: | Denmark |
| F: | France |
| I: | Italy |
| IRL: | Ireland |
| N: | Norway |
| NL: | Netherlands |
| P: | Portugal |
| S: | Sweden |
| SF: | Finland |
| UK: | United Kingdom |

**Core identification:**

Harmonized cables are marked by the letter HAR.



BRUGG CABLES
BUSINESS UNIT SPEZIALKABEL
Telefon +41 (0)56 460 33 33 · Fax +41 (0)56 460 35 36 · info.spezialkabel@brugg.com