# European Cable Abbreviations

## Abbreviations Key for <HAR>
### Harmonized and International Cables

### Fundamental Type
- H = harmonized type
- A = nationally recognized type

### Nominal Voltage
- 01 = 100 Volts
- 03 = 300/300 Volts
- 05 = 300/500 Volts
- 07 = 450/750 Volts

### Materials
- B = Ethylene propylene rubber
- E = PE Polyethylene
- J = Fiber-glass braiding
- N = Chloroprene rubber
- Q = Polyurethane
- R = Rubber
- S = Silicone rubber
- T = Textile braiding
- V = PVC
- V2 = PVC+900C
- V3 = PVC flexible at low temperatures
- VS = PVC increased oil resistant
- X = XPE, cross linked PE

### Additions
- C4 = copper wire braiding
- H = divisible flat cable
- H2 = non-divisible flat cable
- H6 = non-divisible flat cable for elevators
- H8 = helix cable

### Types of Conductor
- U = single wire
- R = multi-wire
- K = fine strands (fixed laying)
- F = fine strands (flexible use)
- H = ultra-fine strands (flexible use)
- D = fine strands for welding cable
- E = ultra-fine strands for welding cable

### Ground Wire
- X = without green yellow ground wire
- G = with green yellow ground wire

## Abbreviations Key According to DIN VDE
### and with Reference to DIN VDE

### Fundamental Type
- N = national standard
- Bi = Silicone
- CC = PVC Control cable
- S = Cable track cable
- SL = Servo cable
- Li = strands (Data cable)

### Insulation
- Y = PVC
- YK = cold resistant PVC
- 2G (Bi) = Silicone
- 12Y = mod. TPE
- C = Rubber
- 2Y = PE (Polyethylene)
- GL = Fiber-glass

### Shielding / Armouring
- P = steel wire protection
- S = steel wire braiding
- C = copper braiding
- V = stainless steel braiding
- D = copper wrapping
- ST = static screen

### Specials
- Z = numbered control cable
- A = single core
- F = flexible
- (E) = intrinsically safe (blue)
- (TR) = transparent outer sheath
- (B) = drain wire
- PU = Polyurethane Jacketing materials
- YOE = oil resistant PVC
- YW = heat resistant PVC
- 11Y = PUR (Polyurethane)
- HM2 = halogen free thermo-plastic (Begum)

### Ground Wire
- J = with green yellow ground wire
- 0 = without green yellow ground wire