

# Technical Data - Cable

## Abbreviations

### Abbreviation keys for harmonized/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 +90 °C
- V3 = PVC flexible at low temperatures
- V5 = 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 installation)
- F = fine strands (flexible use)
- H = extra fine strands (flexible use)
- D = fine strands for welding cable
- E = extra fine strands for welding cable

#### Ground wire:

- X = without green/yellow ground wire
- G = with green/yellow ground wire

### Abbreviation keys acc. to DIN VDE and with reference to DIN VDE (SAB Bröckskes standard)

#### Fundamental type:

- N = national standard
- Bi = Besilen® (silicone)
- Ö = PVC control cable
- S = Cable track cable
- SL = Servo cable
- SABIX® = halogen-free material on a polyolefin base
- Li = strands (Data cable)
- AGL = Compensating cable
- ThL = Extension cable

#### Insulation:

- Y = PVC
- YK = cold resistant PVC
- 2G (Bi) = Besilen® (silicone)
- 12Y = mod. TPE
- G = rubber
- 2Y = PE (polyethylene)
- GL = fiber-glass
- SABIX® = halogen-free material

#### Screening/Armoring:

- 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 conductor
- F = flexible
- (E) = intrinsically safe (blue)
- (TR) = transparent outer jacket
- (B) = drain wire
- PU = polyurethane

#### Jacket materials:

- YOE = oil resistant PVC
  - YW = heat resistant PVC
  - 11Y = PUR (polyurethane)
  - HM4 = halogen-free thermoplast
  - SABIX® = halogen-free material
  - FRNC = flame protected material
- Other materials as mentioned under insulation

#### Ground wire:

- J = with green/yellow ground wire
- 0 = without green/yellow ground wire