

CABLES DESIGNATION CODES

EUROPEAN SYSTEM IN ACCORDANCE WITH CEI 20-27/CENELEC HD361

REFERENCE STANDARDS

- H** In conformity with harmonized standards
- A** Suit to IEC standard
- F** Not suit to IEC standard

RATED VOLTAGE U_0/U

- 01** $100/100V \leq U_0/U < 300/300V$
- 03** 300/300V
- 05** 450/750V
- 07** 450/750V
- 1** 600/1000V

SHEATH INSULATING MATERIAL

- B** Ethylene propylene rubber at operating temperature of 60°C
- G** Ethylene-vinylacetylene
- J** Glass fibre
- M** Mineral
- N** Polychloroprene
- N2** Special polychloroprene compound for welding machines cables
- N4** Chloro-sulphurine
- N8** Special water resistant polychloroprene compound
- Q** Polyurethane
- Q4** Polyamide
- R** Ethylene propylene rubber and equivalent synthetic elastomer at operating temperature of 60°C
- S** Silicone rubber
- T** Textile braid (impregnated if necessary) on the cores
- T6** Textile braid (impregnated if necessary) on each cores of multicores cable
- V** Polyvinyl chloride (or PVC)
- V2** PVC compound at operating temperature of 90°C
- V3** PVC compound for cables installed at low temperatures
- V4** Cross-linked PVC
- V5** Special oil resistant PVC compound
- Z** Cross-linked polyolefin-based compound with low emission of smoke and toxic and corrosive gases in case of combustion
- Z1** Thermoplastic compound with low emission of smoke and toxic and corrosive gases in case of combustion

METALLIC COVERING

- C** Copper concentric conductor
- C4** Copper braid screen collectively applied on the cores
- A7** Aluminium screen

- C5** Copper braid screen individually applied on the cores
- C7** Copper tape, hot wire, or wire screen

ARMOUR

- Z2** Steel wire armouring
- Z3** Flat steel wire armouring
- Z4** Steel tape armouring
- Z5** Steel wire braid

SHAPE AND SPECIAL DESIGN

- No symbol: round cable
- H** Strippable flat cables
- H2** Not strippable flat cables
- H3** Flat cables with cores spaced by a strip
- H6** Flat cables with 3 cores or more, in conformity with HD 359 or EN 50214
- H7** Extruded double layer insulated cable
- H8** Extensible cord

EXTENSIBLE CORD

- D** Flexible conductor for arc welding machines cables in conformity with HD 22 Part 6 (different flexibility from HD 383 standard, class 5)
- E** Very flexible conductor for arc welding machines cables in conformity with HD 22 Part 6 (different flexibility from HD 383 standard, class 6)
- F** Flexible conductor for a flexible cable (in conformity with HD 383 standard, class 5)
- H** Very flexible conductor for a flexible cable (in conformity with HD 383 standard, class 6)
- K** Flexible conductor for fixed installation (in conformity with HD 383 standard, class 5)
- R** Stranded rigid conductor
- U** Rigid bare conductor
- Y** Copper-similar conductor

CONDUCTOR MATERIAL

- No symbol: copper
- A** Aluminium