

# Harmonized Wire Coding System

## Specification and voltage

## Types

|                                |   |
|--------------------------------|---|
| Harmonized determination ..... | H |
| Approved national Type.....    | A |

**Nominal voltage  $U_0/U$**

|                  |    |
|------------------|----|
| 300 / 300V ..... | 03 |
| 300 / 500V ..... | 05 |
| 450 / 750V ..... | 07 |

### Insulation material

|                                          |    |
|------------------------------------------|----|
| PVC standard up to +70°C .....           | V  |
| PVC heat resistant up to +90°C.....      | V2 |
| PVC crosslinked .....                    | V4 |
| Rubber up to +60°C.....                  | R  |
| Rubber up to +90°C.....                  | B  |
| Rubber up to +110°C.....                 | G  |
| Halogen free thermoplastic compound..... | Z1 |

### Sheath material

|                                          |    |
|------------------------------------------|----|
| PVC standard up to +70°C .....           | V  |
| PVC heat resistant up to +90°C.....      | V2 |
| PVC crosslinked .....                    | V4 |
| Polyurethane .....                       | Q  |
| Rubber up to +60°C.....                  | R  |
| Polychloroprene Rubber up to +60°C ..... | N  |
| Rubber up to +90°C.....                  | B  |
| Rubber up to +110°C.....                 | G  |
| Textile Braided .....                    | T  |
| Halogen free thermoplastic compound..... | Z1 |

## Special qualities in construction

|                                                    |    |
|----------------------------------------------------|----|
| Flat, dividable wire .....                         | H  |
| Flat, non-dividable wire .....                     | H2 |
| Dual-layed extruded wire for lighting chains ..... | H7 |
| Coil-suitable wire .....                           | H8 |

### Type of construction

|                                  |   |
|----------------------------------|---|
| Single-core .....                | U |
| Multi-core .....                 | R |
| Flexible, for fixed laying ..... | K |
| Flexible.....                    | F |
| Extra-flexible.....              | H |

## Number of cores

### Earth-wire

|                                    |   |
|------------------------------------|---|
| Without earth-wire .....           | X |
| With earth-wire green-yellow ..... | G |

**Nominal cross-section of conductor in mm<sup>2</sup>**

[illegible]

