

EXPLANATION OF SYMBOLS

HARMONISED CABLES

Basic type:

H	: Harmonised regulation
A	: Approved national design

Rated voltage:

01	: 100/100V
03	: 300/300V
05	: 300/500V
07	: 450/750V

Insulation Material:

V	: Polyvinylchloride(PVC)
V2	: PVC +90°C
V3	: PVC, for low temperatures
B	: Ethylenpropylene rubber
E	: Polyethylene
X	: Cross-linked Polyethylene(XLPE)
R	: Ethylenpropylene rubber or equivalent synthetic elastomere
Q	: Polyurethane(PUR)
G	: EVA
S	: Silicone rubber
Z	: Cross-linked Polyolefin compound
Z1	: Thermoplastic polyolefin compound

Sheath Material or braiding:

V	: Polyvinylchloride(PVC)
V2	: PVC +90°C
V3	: PVC, for low temperatures
V5	: PVC, for oil resistant
R	: Ethylenpropylene rubber or equivalent synthetic elastomere
N	: Chloroprene rubber
N2	: Special comp. of Chloroprene for outer sheaths of welding cables
Q	: Polyurethane(PUR)
J	: Glass-fibre braid
T	: Textile braid

Special construction features:

C4	: Screen of copper wire braid
H	: Flat divisible cables
H2	: Flat non-divisible cables
H6	: Flat non-divisible cables,for lifts
H8	: Spiral cables

Conductor type:

U	: Single-wire round conductor
R	: Multiple-wire round conductor
K	: Fine strands(fixed)
F	: Fine strands(flexing)
H	: Extra fine strands
Y	: wire conductor
D	: Fine strands for welding cables
E	: Extra fine strands for welding cables

Protective earth conductor:

X	: Without protective earth conductor
G	: With protective earth conductor

VDE SYMBOLS

Basic type:

N	: VDE Standard
X	: On the basis of VDE standard

Insulation Material:

Y	: Polyvinylchloride(PVC)
2Y	: Polyethylene
X	: Cross-linked Polyethylene(XLPE)
G	: Silicone rubber
H	: Halogen-free compound
HX	: Halogen-free compound

Cable Design:

A	: Outdoor cables
G	: Mining cables
J	: Installation cables and wires
L	: Multicore cables
S	: Switchboard cables-signal
JE	: Installation cables and wires for industrial electronics
LH	: Connecting cable with light mechanical load
S	: Control cable
LS	: Light voltage control cable
FL	: Flat cable
Si	: Silicone cable
Z	: Twin cable
GL	: Fiber-glass
Li	: Stranded wire conductor(VDE 0812)

Special construction features:

FE180	: Insulation integrity up to 180 minute
E30/E90	: Function integrity up to 30min.&90min.(HFFR cables)
T	: Supporting wire
Ö	: Oil resistance
U	: Flame retardant
W	: Heat and weather resistant
C	: Screen of copper braiding
S	: Steel wire

Protective earth conductor:

J	: Without protective earth conductor
O	: With protective earth conductor

Sheath Material:

Y	: Polyvinylchloride(PVC)
2Y	: Polyethylene
X	: Cross-linked Polyethylene(XLPE)
2G	: Silicone rubber
H	: Halogen-free compound
HX	: Halogen-free compound
P	: Polyurethane(PUR)