

SECURITY CABLES

JE-H(St)HRH

Bd fire warning cable, FE 180/E 30 to E 90, Halogen-free



CE

ELETTROTEK KABEL® JE-H(St)HRH

Construction:

- Conductor:** solid red copper conductor 0,8 mmØ
Cl. 1, acc to IEC 60228
- Insulation:** Halogen-free compound type HI1 to DIN VDE 0207 part 23 flame retardant (E90 with special foil wrapping over conductor)
- Colour cores:** DIN VDE 0815
- Stranding:** 2 cores twisted to pair and each 4 pairs layed up in bunches, the bunches stranded in layers
- Wrapping:** plastic tape
- Screen:** electrostatic screen of plastic and aluminium tape + tinned drain-wire
- Inner sheath:** flame retardant polyolefin compound to DIN VDE 0207 type HM3
- Armour:** Braid of galvanized steel wires
- Outer sheath:** red (RAL3000) with imprint "BRANDELMELDE KABLE, Halogen-free compound type HM2

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 332-3
IEC 60332-3



Halogen free acc. to:
EN 50267-2-1
IEC 60754-1
DIN VDE 0482 part.267-2-1



Low corrosiveness combustion gases acc.to:
EN 50267-2
IEC 60754-2
DIN VDE 0482 part.267-2



Smoke density acc. to:
IEC 61034
EN 61034, CEI 20-38

Technical data:

- Nominal voltage:** 300 V
- Test voltage:** 800 V
- Min. bending radius:** 6 x d

Features:

- FE 180: insulation integrity for 180 min.
Test to DIN VDE 0472 part.814 IEC 60331
- E 30: functional for 30 min. Test to DIN 4102 part.12
- E 90: functionally for 90 min. Test to DIN 4102 part.12

Part no.	No.of cores x conductor diameter n x mm	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
49040CRW022M08	2x2x0,8	10,5	25	150	19
49040CRW042M08	4x2x0,8	14,8	45	275	19
49040CRW082M08	8x2x0,8	21,1	85	545	19
49040CRW122M08	12x2x0,8	22,7	126	602	19
49040CRW162M08	16x2x0,8	25	166	734	19
49040CRW202M08	20x2x0,8	26,9	206	870	19
49040CRW322M08	32x2x0,8	35	326	1360	19
49040CRW402M08	40x2x0,8	41	407	1800	19
49040CRW522M08	52x2x0,8	44	529	2038	19

Other dimensions and colours available on request.