

# INSTRUMENTATION CABLES

## RE4XHOHM1FM1 (XLPE/IAM/CAM/LS0H/SWA/LS0H)



ELETTROTEK KABEL® RE4XHOHM1FM1

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### Construction:

<b>Conductor:</b>	stranded red copper conductor Cl. 2, acc. to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	XLPE compound
<b>Colour cores:</b>	PAIR: black, white TRIAD: black, white, red
<b>Stranding:</b>	conductors twisted in pairs-triads. pairs-triads twisted in concentric layers
<b>Screen</b>	
<i>Individual:</i>	electrostatic screen of plastic and aluminium tape + tinned drain-wire
<i>Overall:</i>	electrostatic screen of plastic and aluminium tape + tinned drain-wire
<b>Inner sheath:</b>	halogen free compound
<b>Armour:</b>	galvanized steel wires
<b>Outer sheath:</b>	blue (RAL 5015) or black (RAL 9005) halogen free compound

### Resistance:



**Flame retardant acc. to:**  
DIN VDE 0482 part 266-2-4  
EN 50266-2-4  
IEC 60332-3-24



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



**Low smoke emission acc. to:**  
EN 50268-2 IEC 61034

### Technical data:

<b>Nominal voltage:</b>	300/500 V
<b>Test voltage:</b>	2 kV
<b>Temperature range:</b>	- 20 °C / + 90 °C
<b>Min. bending radius:</b>	6 x d

### Features:

according to BS 5308-1

### PAIRS:

Part no.	No. of pairs x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.®)
47210D.X022M05	2x2x0,50	16,7	33,6	450	20
47210D.X022M07	2x2x0,75	17,6	43,2	500	19
47210D.X022M10	2x2x1	17,6	52,8	520	18
47210D.X012M15	1x2x1,5	12,1	43,2	284	16
47210D.X022M15	2x2x1,5	20,4	72	750	16
47210D.X102M15	10x2x1,5	29,2	302,4	1515	16

### TRIADS:

Part no.	No. of triples x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.®)
47210D.X033M05	3x3x0,50	17,1	62,4	530	20
47210D.X033M07	3x3x0,75	17,6	84	560	19
47210D.X033M10	3x3x1	17,7	105,6	600	18
47210D.X033M15	3x3x1,5	20	148,8	740	16
47210D.X063M25	6x3x2,5	28,1	506	1492	14

\* The point inside the part number refers to the different colors in which outer sheath can be produced. Each color has different letter.

Other dimensions and colours available on request.