

# SECURITY CABLES

## FG4OHMI PH 30 100/100 V



ELETTROTEK KABEL® FG4OHMI PH 30

### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 5, acc to IEC 60228
<b>Insulation:</b>	silicon, type EI2
<b>Colour cores:</b>	red/black
<b>Screen:</b>	electrostatic screen of plastic and aluminium tape + tinned drain-wire
<b>Outer sheath:</b>	red (RAL 3000), thermoplastic polyolefine, halogen-free compound, type M1

### Resistance:

	<b>Halogen free acc. to:</b> EN 50267-2-1 IEC 60754-1, DIN VDE 0482 part.267-2-1
	<b>Fire resistant acc. to:</b> IEC 60331 EN 50200

### Technical data:

<b>Nominal voltage:</b>	100/100 V
<b>Test voltage:</b>	2 kV
<b>Temperature at conductor</b>	
<i>in service:</i>	+ 90°C
<i>in short circuit:</i>	+ 250°C
<b>Min. bending radius:</b>	14 x d

### Features:

Fire warning installation cable

PH30: at 830 °C flame and shock for 30 minutes

Suitable for installation in a single conduit or channel or bridge, without interposing separators, with cable system of Category I° marked "450/750" or "0,6/1 kV" (as required by CEI-UNEL 36762)

Part no.	No. of cores 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. *)
49160BRM020M05	2X0,5	6,1	14,4	39	20
49160BRM020M07	2X0,75	6,4	19,2	49	18
49160BRM020M10	2X1	7,1	24	61	17
49160BRM020M15	2X1,5	8,1	33,6	83	16
49160BRM020M25	2X2,5	9,3	52,8	107	14

Other dimensions and colours available on request.