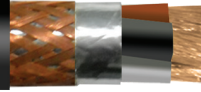


## GAALFLEX® VFD FE4OHH2R

Inverter, connection to frequency converters, 0,6/1 kVV

ELETTROTEK KABEL® GAALFLEX® VFD FE4OHH2R



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	XLPE compound
<b>Cores color:</b>	acc. to DIN VDE 0293-308, HD 308 S2 3 phase cores: brown-black-gray
<b>Stranding:</b>	in layers
<b>Screen:</b>	aluminium tape (100% covering), red copper braid of the same section as the phase conductor (for sections up to 16 mm <sup>2</sup> ) or equal to half phase conductor, with a minimum of 16 mm <sup>2</sup> (for section greater than 25 mm <sup>2</sup> )
<b>Outer Sheath:</b>	black (similar RAL 7035), special PVC type RZ

### Resistance:



#### Self-extinguishing and flame retardant acc. to:

DIN VDE 0482 part 265-2-1,  
EN 50265-2-1,  
IEC 60332-1-2,  
DIN VDE 0482 part 266-2-4,  
EN 50266-2-4,  
IEC 60332-3-24

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0,6/1 kV
<b>Test voltage:</b>	4 kV
<b>Temperature range</b>	
<i>Fixed laying:</i>	- 20 °C up to + 90 °C
<i>Flexible installation:</i>	- 0 °C up to + 90 °C
<b>Max. temperature on conductor:</b>	+ 90°C
<b>Max. temperature in short circuit:</b>	+ 250 °C
<b>Min. bending radius</b>	8 x d

### Features:

acc. to IEC 60502-1 and CEI 20-13, CEI-UNEL 35375

RoHS and CE approval



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.®)
33180G73020M61	2 x 10 / 10	19	312	650	8
33180G73020M62	2 x 16 / 16	21	489	850	6
33180G73020M63	2 x 25 / 25	24	763	1210	4
33180G73030M61	3 x 10 / 10	19,5	408	730	8
33180G73030M62	3 x 16 / 16	22	643	1000	6
33180G73030M63	3 x 25 / 16	26	902	1550	4
33180G73030M64	3 x 35 / 16	27	1190	1750	2
33180G73030M65	3 x 50 / 25	29	1723	2250	1
33180G73030M66	3 x 70 / 35	33	2410	2950	2/0
33180G73030M67	3 x 95 / 50	38	3296	4100	3/0
33180G73030M68	3 x 120 / 70	41	4236	5050	4/0
33180G73030M69	3 x 150 / 70	45	5100	6000	250 MCM
33180G73030M70	3 x 185 / 95	50	6383	7550	350 MCM
33180G73030M71	3 x 240 / 120	57	8242	9950	450 MCM
33182G73030M63	3 x 25 / 25	26	1003	1600	4
33182G73030M64	3 x 35 / 35	27,5	1402	1850	2