

GAALFLEX® VFD FE4OHH2R

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

ELETTROTEK KABEL® GAALFLEX® VFD FE4OHH2R

Construction:

- Conductor:** flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
- Insulation:** XLPE compound
- Cores color:** acc. to DIN VDE 0293-308, HD 308 S2
3 phase cores: brown-black-gray
- Stranding:** in layers
- Screen:** aluminium tape (100% covering), red copper braid of the same section as the phase conductor (for sections up to 16 mm²) or equal to half phase conductor, with a minimum of 16 mm² (for section greater than 25 mm²)
- Outer Sheath:** 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:

- Nominal voltage:** U₀/U 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range**
- Fixed laying:* -20 °C up to +90 °C
- Flexible installation:* -0 °C up to +90 °C
- Max. temperature on conductor:** +90 °C
- Max. temperature in short circuit:** +250 °C
- Min. bending radius** 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 ²	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

GAALFLEX® VFD CABLES

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Part no.	No. of cores x cross section n x mm ²	Outer Ø Ca. mm ±10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
33182G73030M65	3 x 50 / 50	29,5	2000	2450	1
33182G73030M66	3 x 70 / 70	34	2796	3350	2/0
33182G73030M67	3 x 95 / 95	38,5	3791	4550	3/0
33182G73030M68	3 x 120 / 120	42	4786	5550	4/0
33182G73030M69	3 x 150 / 150	46	5970	6900	250 MCM
33182G73030M70	3 x 185 / 185	51	7363	8500	350 MCM
33180G73040M61	4 x 10 / 10	20,5	504	890	8
33180G73040M62	4 x 16 / 16	23,5	796	1250	6
33180G73040M63	4 x 25 / 16	28	1142	1800	4
33180G73040M64	4 x 35 / 16	29	1526	2050	2
33180G73040M65	4 x 50 / 25	33	2203	2700	1
33180G73040M66	4 x 70 / 35	37	3082	3750	2/0
33180G73040M67	4 x 95 / 50	43,5	4208	5000	3/0
33180G73040M68	4x120 / 70	47,2	5388	6350	4/0
33180G73040M69	4 x 150 / 70	51	6540	7650	250 MCM
33180G73040M70	4 x 185 / 95	56	8159	9350	350 MCM
33180G73040M71	4 x 240 / 120	62,5	10546	11600	450 MCM

Other dimension and colours available on request.