

GAALFLEX® VFD FG7OHH2R

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

ELETTROTEK KABEL® GAALFLEX® VFD FG7OHH2R



Construction:

- Conductor:** flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
- Insulation:** rubber HEPR 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:** grey (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:* - 15 °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

On request is possible:

FG7OHH2M1 0,6/1 kV, Halogen free Version

Outer Sheath: green M1 LSZH thermoplastic



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.®)
33170G83030M25	3 x 2,5 + SH	14,6	96	340	14
33170G83030M40	3 x 4 + SH	15,8	134	400	12
33170G83030M60	3 x 6 + SH	18,5	231	490	10
33170G83030M61	3 x 10 + SH	21	336	720	8
33170G83030M62	3 x 16 + SH	23,5	615	1040	6
33170G83030M63	3 x 25 + SH	27	873	1410	4
33170G83030M64	3 x 35 + SH	30,5	1162	1870	2
33170G83030M65	3 x 50 + SH	35	1680	2400	1
33170G83030M66	3 x 70+SH	40	2352	3360	2/0
33170G83030M67	3 x 95+SH	45	3192	4350	3/0
33170G83030M68	3 x 120+SH	50	4032	5540	4/0
33170G83030M69	3 x 150+SH	55,4	5040	6880	250 MCM
33170G83030M70	3 x 185+SH	61,5	6216	8350	350 MCM
33170G83030M71	3 x 240+SH	68	8604	11540	450 MCM
33170G83030M72	3 x 300+SH	73,5	10080	13480	550 MCM

Other dimension and colours available on request.