

GAALFLEX® VFD FGI6OHH2R16

0,6/1 KV inverter, connection to frequency converters,
acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Cca-s3, d0, a3



ELETTROTEK KABEL® FG16OHH2R16 Cca-s3, d0, a3



Construction:

Conductor:	flexible red copper conductor Cl.5, acc. to IEC 60228
Insulation:	rubber HEPR, type G16
Colour cores:	acc. to DIN VDE 0293-308, HD 308 S2 3 phase cores: brown-black-gray
Screen:	aluminium tape (100% covering), red copper braid of the same section as the phase conductor (for sections up to 16 mm ²) or equal to half phase conductor, with a minimum of 16 mm ² (for section greater than 25 mm ²)
Outer sheath:	grey (similar RAL 7035), PVC type R16

Resistance:



Flame retardant acc. to:
CEI 20-22 II
CEI EN 60332-3-24 Cat. C , IEC 60332-3-24 Cat. C

Technical data:

Nominal voltage:	0,6/1 kV
Test voltage:	4 kV
Temperature range:	- 15 °C / + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	10 x d

Features:

Acc. to IEC 60502-1
Acc. to CEI 20-13, CEI 20-11 , EN 50363, CEI 20-29, IEC 60228
Acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Cca-s3, d0, a3

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	AWG no. *)
33320G83030M25	3 x 2,5	11,6	192	14
33320G83030M40	3 x 4	12,9	260	12
33320G83030M60	3 x 6	14,5	360	10
33320G83030M61	3 x 10	17,2	555	8
33320G83030M62	3 x 16	19,7	805	6
33320G83030M63	3 x 25	23,3	1115	4
33320G83030M64	3 x 35	27,5	1515	2
33320G83030M65	3 x 50	31,1	2050	1
33320G83030M66	3 x 70	35,5	2800	2/0
33320G83030M67	3 x 95	40	3680	3/0
33320G83030M68	3 x 120	44,3	4605	4/0
33320G83030M69	3 x 150	48,7	5680	250 MCM
33320G83030M70	3 x 185	53,6	6940	350 MCM
33320G83030M71	3 x 240	59,5	8910	450 MCM

Other dimensions and colours available on request.