

GAALSHIP® MEDIUM MHF VFD

1,8/3 kV, armoured and screened medium voltage VFD power cable, three cores



ELETTROTEK KABEL® GAALSHIP® MEDIUM MHF VFD



Applications:

Multi-cores, medium voltage VFD power cables for fixed electrical installations aboard ships, not subject to mechanical risk complying with IEC 60092-352

Construction:

Conductor:	Flexible plain annealed copper conductor cl.5 acc.to IEC 60228
Insulation:	XLPE halogen-free compound acc. to IEC 60092-360
Cores color:	acc. to DIN VDE 0293-308, HD 308 S2 3 conductors + 3 earth conductors: grey, brown, black and green/yellow divided in interstices
Inner sheath:	Halogen-free compound
Armouring:	Plain annealed copper braid acc. to IEC 60092-350
Screen:	Plain annealed copper tape
Outer sheath:	black (RAL 9004), halogen-free compound type SHF1 acc. to IEC 60092-360
Marking:	ELETTROTEK KABEL® GAALSHIP® MEDIUM MHF VFD cross nominal section, 1,8/3 kV kV, IEC 60092-353 IEC 60332-3-22 A48 production date. Progressive meter marking.

Type Approvals/Certificates:

RINA (Registro Italiano Navale)
BV (Bureau Veritas)
LR (Lloyd's Register)
DNV-GL (Det Norske Veritas - Germanischer Lloyd)
ABS (American Bureau of Shipping)
 Other approvals on request

Resistance:



Flame and fire retardant acc. to:
 IEC 60332-1-2,
 IEC 60332-3-22



Halogen free acc. to:
 IEC 60754-1/2



Low smoke density acc. to:
 IEC 61034-1/2

Technical data:

Nominal voltage:	1,8/3 kV
Temperature range:	
<i>Fixed installation:</i>	- 40°C up to +90°C
Min. bending radius:	6 x D

Features:

Sheathing and insulating materials acc. to IEC 60092-360
 Design guidelines acc. to: IEC 60092-353
 Choice and installation of electric cables acc. to: IEC 60092-352
 Cold bend test at low temperatures
 acc. to CSA C22.2 No. 0.3-09 (-40°C)
 Cold bend impact at low temperatures
 acc. to CSA C22.2 No. 0.3-09 (-35°C)

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	Max. resistance of conductors at 20°C (Ohm/km)	Current rating in open air at 45°C (A)
13030K72037M69	3x150+3x25	50,8	6615	0,129 - 0,78	272

Other dimensions and colors available on request.