

SECURITY CABLES

GAALNET® SECURITY ALARM CABLE C-4 U_o 400V

Screened cable for alarm systems, acc. to CEI UNEL 36762, Eca

ELETTROTEK KABEL® GAALNET® SECURITY ALARM CABLE C-4 U_o 400 V, Eca

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Construction:

Conductor:	flexible plain annealed copper conductor Cl. 5, acc. to IEC 60228
Insulation:	PVC compound
Colour cores:	for signal cores (0,22 mm ²): white - red - yellow - green - grey - orange - light blue - brown - black - violet - blue - pink - white/brown - white/ violet - white/green - white/blue - white/ grey - white/yellow - white/black - white/ red - white/ light blue - white/pink - white/ orange for supply cores (0,50 mm ² and 0,75 mm ²): red + black
Stranding:	in layers
Screen:	aluminium/PET tape + tinned copper drain wire
Outer sheath:	blue (similar RAL 5015) (UV) or white (similar RAL 9003), PVC compound

Technical data:

Nominal voltage:	400 V
Test voltage:	
for WHITE sheath:	1,5 kV
for BLUE sheath:	2,5 kV
Temperature range:	-10°C up to +70°C
Min. bending radius	10 x d
Insulation resistance:	200 MOhm/Km at 20°C

Resistance:



Fire and flame retardant acc. to:
IEC 60332-3, CEI 20-22 II
IEC 60332-1-2, CEI 20-35



Halogen free acc. to:
CEI 20-38, CEI 20-37 (blue outer sheath)

Features:

Insulation and jacket acc. to CEI 20-11
Compound lead free acc. to CEI 20-52
Acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Eca
classification (CEI UNEL 35016), EN 13501-6
suitable for installation in a single conduit
or channel or bridge, without interposing
separators, with cable system of Category I°
marked "450/750" or "0,6/1 kV" (as required by CEI-UNEL 36762)
RoHS and CE approval



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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
49230EWI020M2 2	2x0,22	3,3	4,4	15
49230EWI040M22	4x0,22	3,95	7,3	20
49230EWI060M22	6x0,22	4,4	10,2	26
49230EWI080M22	8x0,22	4,85	13,1	34
49230EWI100M22	10x0,22	5,35	16	40
49230EWI120M22	12x0,22	5,7	18,9	45
49230EWI200M22	20x0,22	7	32	68
49230EWI02BM22	2x0,22+2x0,50	4,55	10,1	28
49230EWI04BM22	4x0,22+2x0,50	5,05	13	36
49230EWI06BM22	6x0,22+2x0,50	5,4	15,9	43
49230EWI08BM22	8x0,22+2x0,50	5,85	18,8	48
49230EWI10BM22	10x0,22+2x0,50	6,15	21,7	57
49231EWI02BM22	2x0,22+2x0,75	5,05	12,3	36
49231EWI04BM22	4x0,22+2x0,75	5,3	15,2	42
49231EWI06BM22	6x0,22+2x0,75	5,85	18,1	49
49231EWI08BM22	8x0,22+2x0,75	6,4	21	54
49231EWI10BM22	10x0,22+2x0,75	6,7	23,9	61
49231EWI12BM22	12x0,22+2x0,75	6,9	28	65

The table is refer to WHITE (RAL 9003) outer sheath.

Other dimensions and colours available on request.

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
49230EBI020M22	2x0,22	3,8	4,4	20
49230EBI040M22	4x0,22	4,2	7,3	26
49230EBI060M22	6x0,22	5	10,2	31
49230EBI080M22	8x0,22	5,3	13,1	42
49230EBI100M22	10x0,22	5,6	16	50
49230EBI02BM22	2x0,22+2x0,50	4,8	10,1	33
49230EBI04BM22	4x0,22+2x0,50	5,2	13	42
49230EBI06BM22	6x0,22+2x0,50	5,9	15,9	51
49230EBI08BM22	8x0,22+2x0,50	6,2	18,8	59
49230EBI10BM22	10x0,22+2x0,50	6,4	21,7	65
49231EBI02BM22	2x0,22+2x0,75	5,1	12,3	47
49231EBI04BM22	4x0,22+2x0,75	5,5	15,2	52
49231EBI06BM22	6x0,22+2x0,75	6,1	18,1	59
49231EBI08BM22	8x0,22+2x0,75	5,6	21	71
49231EBI10BM22	10x0,22+2x0,75	7,1	23,9	73

The table is refer to BLUE (RAL 5015) outer sheath.

Other dimensions and colours available on request.