

GAALNET® SECURITY ALARM CABLE C-4 U₀ 400V

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

ELETTROTEK KABEL® GAALNET® SECURITY ALARM CABLE C-4 U₀ 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 and 0,5 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 <i>WHITE</i> sheath:	1,5 kV
for <i>BLUE</i> 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

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^o
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
49230EWI020M22	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.