

BURGLAR ALARM/ALARM CABLES

▼ GENERAL SPECIFICATIONS

- GR.2 alarm cables with standard insulation (300/500 V);
 - GR.3 alarm cables with reinforced insulation (450/750 V);
- These cables are equipped with Al/Pet tape shielding (Kf=100%) wrapped as a spiral on the conductors and continuity wire, and protected by an outer sheath in PVC-FR (non flame propagating CEI 20-22 II), coloured blue (RAL 5015) for insulation grade 3 and white for insulation grade 2.
- The thickness of the sheath in insulation grade 3 cables must withstand a test voltage of 3kV, and can hence be installed in ducts that also carry 220V or 380V (CEI 64-8) powered electrical cables.

▼ REFERENCE LAWS AND REGULATIONS

- IEC 60332.3 / CEI 20-22 II
- IEC 60332.1 / CEI 20-35
- CEI 20-37 I
- CEI 64-8
- DIN 47100

▼ ELECTRICAL SPECIFICATIONS

Section	Test voltage V	Working voltage V	Cond. electr. resistance Ω/Km	Min. insulation resistance MΩ/Km	Max. current intensity A
0.22	1000	≤ 50 VCC	100	200	2.5
0.50	2000		39	200	6.0
0.75	2000	≤ 75 VCA	26	200	12.5

▼ MANUFACTURING SPECIFICATIONS

- Flexible inner conductors in bare copper;
- Inner conductor insulated with PVC sheath. Coloured compliant to DIN 47100;
- Anti-migration polyester (Pet) tape wrapped as a spiral on the conductors;
- Continuity wire in bare copper;
- Shielding with paired Aluminium/Polyester (Al/Pet) tape, wrapped as a spiral;
- Outer sheath in non flame propagating PVC;
- Working temperature included in the range: -10°C ÷ + 80°C;
- Minimum bending radius is 10 times the cable's outer diameter;
- Field of application: burglar alarm systems and generally all security systems;
- Use: fixed applications.

▼ AVAILABLE PACKAGING

Final code no.	Packaging	No. pieces	Manufacturing
1	100m coil in shrink film	1	in stock
7	1000m reel	1	upon request

■ Standard insulation sheath (GR.2 300/500V)

Code	No. conductors x sec. No. x mm ²	Outer nom. Ø mm	Approx. weight Kg/Km	Sheath colour	Packaging	No. pieces
A40.001	2 x 0.22	3.30	18	□□□□	100m coil	5
A40.011	4 x 0.22	3.80	25	□□□□	100m coil	5
A40.021	6 x 0.22	4.30	32	□□□□	100m coil	5
A40.031	8 x 0.22	5.00	41	□□□□	100m coil	5
A40.041	10 x 0.22	5.50	48	□□□□	100m coil	5
A40.201	2 x 0.50 + 2 x 0.22	4.50	35	□□□□	100m coil	5
A40.221	2 x 0.50 + 4 x 0.22	5.00	42	□□□□	100m coil	5
A40.241	2 x 0.50 + 6 x 0.22	5.50	51	□□□□	100m coil	5
A40.251	2 x 0.50 + 8 x 0.22	6.10	58	□□□□	100m coil	5
A40.401	2 x 0.75 + 2 x 0.22	5.10	44	□□□□	100m coil	5
A40.411	2 x 0.75 + 4 x 0.22	5.50	52	□□□□	100m coil	5
A40.421	2 x 0.75 + 6 x 0.22	5.70	58	□□□□	100m coil	5
A40.431	2 x 0.75 + 8 x 0.22	6.60	69	□□□□	100m coil	5



Lead free
CEI 20-52

