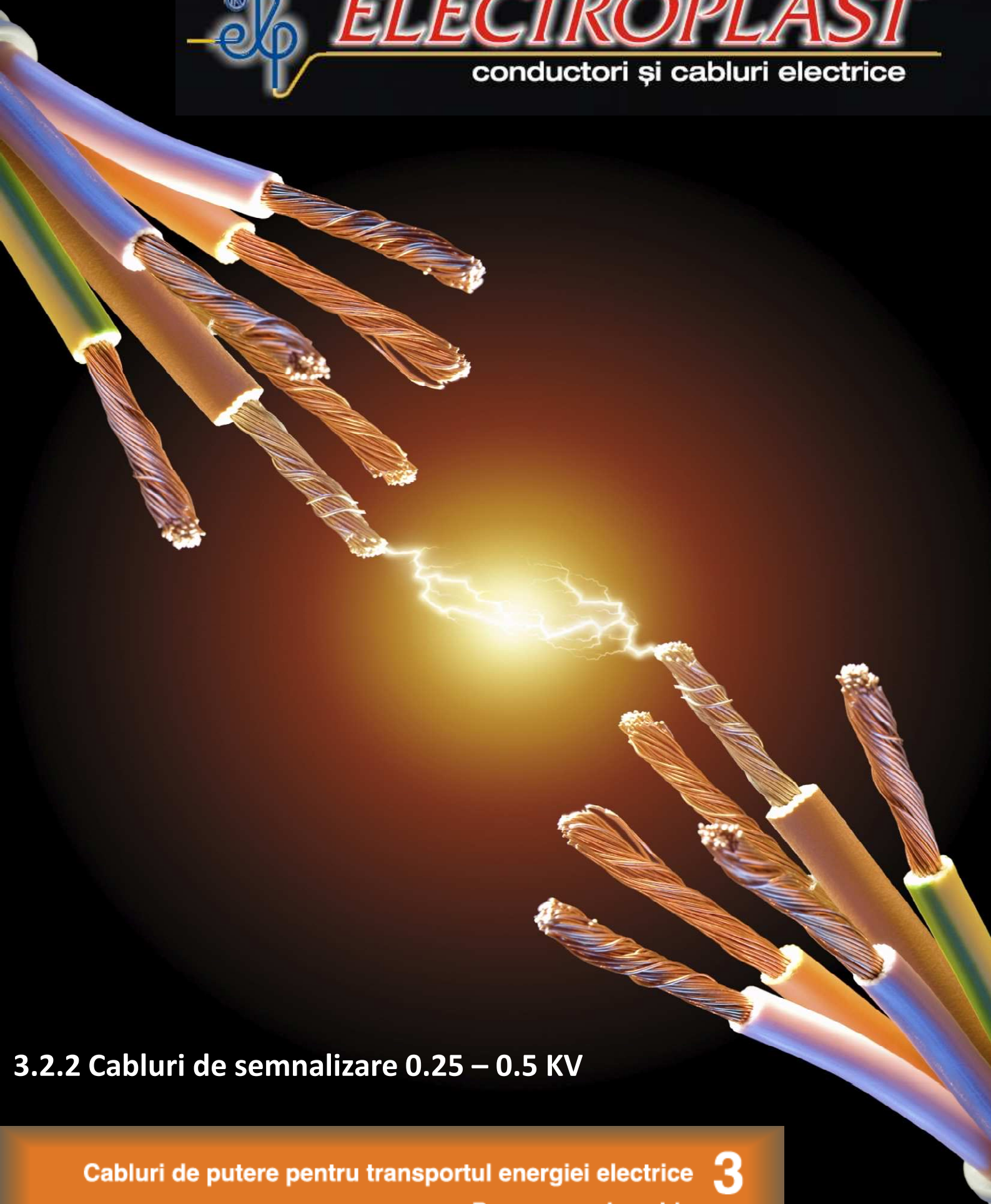




ELECTROPLAST

conductori și cabluri electrice



3.2.2 Cabluri de semnalizare 0.25 – 0.5 KV

Cabluri de putere pentru transportul energiei electrice

Power supply cable

3

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Cablu de semnalizare cu izolatie si manta de PVC;

Standard de fabricatie: ST 106

Tensiune nominala U_o/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blacare, masurare, control tehnologic, circuite de curent continuu, cu solicitari mecanice mari.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton, in apa

Conductor de cupru

Conductor unifilar (re) sau multifilar (rm);
SR EN 60228

Izolatie

PVC tip YI1 sau IF

Manta

PVC tip YM1 sau MF negru respectiv gri

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor, incercare conf
SR EN 332-1-2 sau SR EN 50266-2-4 categoria C

Marcaj pe manta

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie.

Raza minima de curbura la instalare

8 x diametrul cablului

Fora maxima de tractiune la pozare

50 N/mm²

Cod de culori

Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa, restul conductoarelor vor fi albe.

PVC – insulated and sheathed signal cables

Standard: ST 106

Rated voltage U_o/U : 0.25/0.5 kV

Applicability :

Blocking, measuring, technological control, DC circuits under strong mechanical stress

The cables can be installed in open or confined areas, underground, in sewers, in concrete, under water

Copper conductor

Monowire conductor (re) or multiwire; SR EN 60228

Insulation

PVC type YI1 or IF

Sheath

PVC type YM1 or MF black and gray

The cables are flame retardant or extra flame retardant; test according to SR EN 332-1-2 or
SR EN 50266-2-4/ Category C.

Sheath marking

SC ELECTROPLAST SA, cable symbol, operational voltage, year of manufacture

Min. bending radius at installation :

8 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

Two adjacent conductors within each layer must have different colors, a dark and light one, whereas the remaining ones must be white.



Cablu de semnalizare cu izolatie si
manta de PVC;

PVC – insulated and sheathed signal
cables

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm	Rezistenta electrica max, la 20°C Max. Resistance at 20°C Ω/km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass inf kg/km
2x1	re	0.6	1.8	18.1	8.5	104
2x1.5	re	0.6	1.8	12.1	9.0	123
2x2.5	re	0.7	1.8	7.41	10.2	167
2x4	re	0.8	1.8	4.61	11.5	227
2x6	re	0.8	1.8	3.08	12.7	295
2x10	re	1.0	1.8	1.83	15.1	443
3x1	re	0.6	1.8	18.1	8.8	119
3x1.5	re	0.6	1.8	12.1	9.4	142
3x2.5	re	0.7	1.8	7.41	10.7	198
3x4	re	0.8	1.8	4.61	12.1	273
3x6	re	0.8	1.8	3.08	13.4	361
3x10	re	1.0	1.8	1.83	16.0	549
4x1	re	0.6	1.8	18.1	9.4	140
4x1.5	re	0.6	1.8	12.1	10.0	170
4x2.5	re	0.7	1.8	7.41	11.5	239
4x4	re	0.8	1.8	4.61	13.1	334
4x6	re	0.8	1.8	3.08	14.6	445
4x10	re	1.0	1.8	1.83	17.5	685
5x1	re	0.6	1.8	18.1	10.1	164
5x1.5	re	0.6	1.8	12.1	10.8	200
5x2.5	re	0.7	1.8	7.41	12.4	284
5x4	re	0.8	1.8	4.61	14.3	401
5x6	re	0.8	1.8	3.08	15.8	525
5x10	re	1.0	1.8	1.83	19.0	810
7x1	re	0.6	1.8	18.1	10.6	196
7x1.5	re	0.6	1.8	12.1	11.3	242
7x2.5	re	0.7	1.8	7.41	13.1	350
7x4	re	0.8	1.8	4.61	15.2	504
7x6	re	0.8	1.8	3.08	16.7	676
7x10	re	1.0	1.8	1.83	20.3	1059
9x1	re	0.6	1.8	18.1	13.1	231
9x1.5	re	0.6	1.8	12.1	14.0	287
9x2.5	re	0.7	1.8	7.41	16.3	414
9x4	re	0.6	1.8	4.61	18.8	590
9x6	re	0.6	1.8	3.08	20.8	790
9x10	re	0.7	1.9	1.83	25.8	1261
12x1	re	0.6	1.8	18.1	13.9	231
12x1.5	re	0.6	1.8	12.1	14.9	354
12x2.5	re	0.7	1.8	7.41	17.4	517
12x4	re	0.6	1.8	4.61	20.2	746
12x6	re	0.6	1.8	3.08	22.3	1008



Cablu de semnalizare cu izolatie si
manta de PVC;

PVC – insulated and sheathed signal
cables

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm	Rezistenta electrica max, la 20°C Max. Resistance at 20°C Ω/km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass inf kg/km
12x10	re	0.7	1.8	1.83	27.8	1620
14x1	re	0.6	1.8	18.1	14.5	315
14x1.5	re	0.6	1.8	12.1	15.6	398
14x2.5	re	0.7	1.8	7.41	18.2	586
16x1	re	0.6	1.8	18.1	15.2	350
16x1.5	re	0.6	1.8	12.1	16.3	444
16x2.5	re	0.7	1.8	7.41	19.1	657
19x1	re	0.6	1.8	18.1	15.9	398
19x1.5	re	0.6	1.8	12.1	17.1	509
19x2.5	re	0.7	1.8	7.41	20.1	758
21x1	re	0.6	1.8	18.1	18.2	449
21x1.5	re	0.6	1.8	12.1	19.7	572
21x2.5	re	0.7	1.8	7.41	23.3	850
24x1	re	0.6	1.8	18.1	18.2	491
24x1.5	re	0.6	1.8	12.1	19.7	630
24x2.5	re	0.7	1.8	7.41	23.3	943
27x1	re	0.6	1.8	18.1	18.5	536
27x1.5	re	0.6	1.8	12.1	20.1	691
27x2.5	re	0.7	1.9	7.41	23.8	1040
30x1	re	0.6	1.8	18.1	19.1	584
30x1.5	re	0.6	1.8	12.1	20.7	755
30x2.5	re	0.7	1.9	7.41	25.0	1164
33x1	re	0.6	1.8	18.1	19.8	633
33x1.5	re	0.6	1.9	12.1	21.5	820
33x2.5	re	0.7	2.0	7.41	25.9	1266
37x1	re	0.6	1.8	18.1	20.5	696
37x1.5	re	0.6	2.0	12.1	22.3	904
37x2.5	re	0.7	1.9	7.41	22.9	1399
42x1	re	0.6	1.9	18.1	22.8	788
42x1.5	re	0.6	1.9	12.1	25.2	1049
48x1	re	0.6	1.9	18.1	23.2	876
48x1.5	re	0.6	1.9	12.1	25.6	1169
52x1	re	0.6	1.9	18.1	24.2	961
52x1.5	re	0.6	1.9	12.1	26.3	1252
56x1	re	0.6	1.9	18.1	24.9	1024
56x1.5	re	0.6	1.9	12.1	27.0	1337
61x1	re	0.6	1.9	18.1	25.6	1101
61x1.5	re	0.6	1.9	12.1	27.8	1441



Cablu de semnalizare cu izolatie si manta de PVC

PVC – insulated and sheathed signal cables

Standard de fabricatie: ST 106

Standard: ST 106

Tensiune nominala U_o/U : 0.25/0.5 kV

Rated voltage U_o/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blacare,masurare,control tehnologic,circuite de curent continuu,cu solicitari mecanice mari.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant ,in canale ,in beton ,in apa

Applicability :

Blocking, measuring, technological control, DC circuits under strong mechanical stress

The cables can be installed in open or confined areas, underground, in sewers, in concrete, under water

Conductor de cupru

Conductor multifilar clasa 5;
SR EN 60228

Copper conductor

Multiwire conductor conf SR EN 60228

Izolatia

PVC tip YI1 sau IF

Insulation

PVC type YI1 or IF

Manta

PVC tip YM1 sau MF negru respectiv gri
Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor ,incercare conf
SR EN 332-1-2 sau SR EN 50266-2-4 categoria C

Sheath

PVC type YM1 or MF black and gray
The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or
SR EN 50266-2-4/ Category C.

Marcaj pe manta

SC ELECTROPLAST SA ,simbol cablu ,tensiune de lucru, an de fabricatie.

Sheath marking

SC ELECTROPLAST SA , cable symbol , operational voltage, year of manufacture

Raza minima de curbura la instalare

8xdiametrul cablului

Min. bending radius at installation :

8 x cable diameter

Forta maxima de tractiune la pozare

50 N/mm²

Max. tensile strain during installation :

50 N/mm²

Cod de culori

Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa ,restul conductoarelor vor fi albe.

Color coding :

Two adjacent conductors within each layer must have different colors, a dark and light one, whereas the remaining ones must be white.



Cablu de semnalizare cu izolatie si
manta de PVC

PVC – insulated and sheathed signal
cables

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm	Rezistenta electrica max,la 20°C Max. Resistance at 20°C Ω/km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass inf kg/km
2x1	rm	0.6	1.8	19.5	8.5	104
2x1.5	rm	0.6	1.8	13.3	9.0	123
2x2.5	rm	0.7	1.8	7.98	10.2	167
2x4	rm	0.8	1.8	4.95	11.5	227
2x6	rm	0.8	1.8	3.3	12.7	295
2x10	rm	1.0	1.8	1.91	15.1	443
3x1	rm	0.6	1.8	19.5	8.8	119
3x1.5	rm	0.6	1.8	13.3	9.4	142
3x2.5	rm	0.7	1.8	7.98	10.7	198
3x4	rm	0.8	1.8	4.95	12.1	273
3x6	rm	0.8	1.8	3.3	13.4	361
3x10	rm	1.0	1.8	1.91	16.0	549
4x1	rm	0.6	1.8	19.5	9.4	140
4x1.5	rm	0.6	1.8	13.3	10.0	170
4x2.5	rm	0.7	1.8	7.98	11.5	239
4x4	rm	0.8	1.8	4.95	13.1	334
4x6	rm	0.8	1.8	3.3	14.6	445
4x10	rm	1.0	1.8	1.91	17.5	685
5x1	rm	0.6	1.8	19.5	10.1	164
5x1.5	rm	0.6	1.8	13.3	10.8	200
5x2.5	rm	0.7	1.8	7.98	12.4	284
5x4	rm	0.8	1.8	4.95	14.3	401
5x6	rm	0.8	1.8	3.3	15.8	525
5x10	rm	1.0	1.8	1.91	19.0	810
7x1	rm	0.6	1.8	19.5	10.6	196
7x1.5	rm	0.6	1.8	13.3	11.3	242
7x2.5	rm	0.7	1.8	7.98	13.1	350
7x4	rm	0.8	1.8	4.95	15.2	504
7x6	rm	0.8	1.8	3.3	16.7	676
7x10	rm	1.0	1.8	1.91	20.3	1059
9x1	rm	0.6	1.8	19.5	13.1	231
9x1.5	rm	0.6	1.8	13.3	14.0	287
9x2.5	rm	0.7	1.8	7.98	16.3	414
9x4	rm	0.6	1.8	4.95	18.8	590
9x6	rm	0.6	1.8	3.3	20.8	790
9x10	rm	0.7	1.9	1.91	25.8	1261
12x1	rm	0.6	1.8	19.5	13.9	231
12x1.5	rm	0.6	1.8	13.3	14.9	354
12x2.5	rm	0.7	1.8	7.98	17.4	517
12x4	rm	0.6	1.8	4.95	20.2	746



Cablu de semnalizare cu izolatie si
manta de PVC

PVC – insulated and sheathed signal
cables

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm	Rezistenta electrica max,la 20°C Max. Resistance at 20°C Ω/km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass inf kg/km
12x6	rm	0.6	1.8	3.3	22.3	1008
12x10	rm	0.7	1.8	1.91	27.8	1620
14x1	rm	0.6	1.8	19.5	14.5	315
14x1.5	rm	0.6	1.8	13.3	15.6	398
14x2.5	rm	0.7	1.8	7.98	18.2	586
16x1	rm	0.6	1.8	19.5	15.2	350
16x1.5	rm	0.6	1.8	13.3	16.3	444
16x2.5	rm	0.7	1.8	7.98	19.1	657
19x1	rm	0.6	1.8	19.5	15.9	398
19x1.5	rm	0.6	1.8	13.3	17.1	509
19x2.5	rm	0.7	1.8	7.98	20.1	758
21x1	rm	0.6	1.8	19.5	18.2	449
21x1.5	rm	0.6	1.8	13.3	19.7	572
21x2.5	rm	0.7	1.8	7.98	23.3	850
24x1	rm	0.6	1.8	19.5	18.2	491
24x1.5	rm	0.6	1.8	13.3	19.7	630
24x2.5	rm	0.7	1.8	7.98	23.3	943
27x1	rm	0.6	1.8	19.5	18.5	536
27x1.5	rm	0.6	1.8	13.3	20.1	691
27x2.5	rm	0.7	1.9	7.98	23.8	1040
30x1	rm	0.6	1.8	19.5	19.1	584
30x1.5	rm	0.6	1.8	13.3	20.7	755
30x2.5	rm	0.7	1.9	7.98	25.0	1164
33x1	rm	0.6	1.8	19.5	19.8	633
33x1.5	rm	0.6	1.9	13.3	21.5	820
33x2.5	rm	0.7	2.0	7.98	25.9	1266
37x1	rm	0.6	1.8	19.5	20.5	696
37x1.5	rm	0.6	2.0	13.3	22.3	904
37x2.5	rm	0.7	1.9	7.98	22.9	1399
42x1	rm	0.6	1.9	19.5	22.8	788
42x1.5	rm	0.6	1.9	13.3	25.2	1049
48x1	rm	0.6	1.9	19.5	23.2	876
48x1.5	rm	0.6	1.9	13.3	25.6	1169
52x1	rm	0.6	1.9	19.5	24.2	961
52x1.5	rm	0.6	1.9	13.3	26.3	1252
56x1	rm	0.6	1.9	19.5	24.9	1024
56x1.5	rm	0.6	1.9	13.3	27.0	1337
61x1	rm	0.6	1.9	19.5	25.6	1101
61x1.5	rm	0.6	1.9	13.3	27.8	1441



Cablu de semnalizare cu izolatie si manta de PVC, ecranat

PVC – insulated and sheathed signal cables, screened

Standard de fabricatie: ST 106

Tensiune nominala U₀/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blocare, masurare, control tehnologic, avertizare de incendiu, circuite de curent continuu.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton, in apa

Conductor de cupru

Conductor unifilar (re), SR EN 60228

Izolatie

PVC tip YI1 sau IF

Ecran din aluminiu pe suport de poliester tip ALU/PET

, grosime 9/12 μ cu fir de continuitate din sarma de cupru stanata de 0.4 mm.

Manta

PVC tip YM1 sau MF negru respectiv gri

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor, incercare conf

SR EN 332-1-2 sau SR EN 50266-2-4 categoria C

Marcaj pe manta

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie.

Raza minima de curbura la instalare

8 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa, restul conductoarelor vor fi albe.

Standard: ST 106

Rated voltage U₀/U : 0.25/0.5 kV

Applicability :

Blocking, measuring, technological control, fire alert, DC circuits

The cables can be installed in open or confined areas, underground, in sewers, in concrete, under water

Copper conductor

Monowire conductor (re), SR EN 60228

Insulation

PVC type YI1 or IF

Screen

Aluminum screen on polyester base type ALU/PET 9/12 μ , with 0.4 mm tinned copper continuity wire.

Sheath

PVC type YM1 or MF black or gray

The cables are flame retardant or extra flame retardant; test according to SR EN 332-1-2 or

SR EN 50266-2-4 / Category C.

Sheath marking

SC ELECTROPLAST SA, cable symbol, operational voltage, year of manufacture

Min. bending radius at installation

8 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

Two adjacent conductors within each layer must have different colors, a dark and a light one, whereas the remaining ones must be white.



**Cablu de semnalizare cu izolatie si
manta de PVC, ecranat**

**PVC – insulated and sheathed signal
cables, screened**

Tipodi- mensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm	Rezistenta electrica max,la 20°C <i>Max. Resistance at 20°C</i> Ω/km	Diametru exterior nominal <i>Nominal outer diameter</i> mm	Masa inf <i>Mass inf</i> kg/km
2x1	re	0.6	1.8	18.1	9.1	98
2x1.5	re	0.6	1.8	12.1	9.6	113
2x2.5	re	0.7	1.8	7.41	10.8	148
2x4	re	0.8	1.8	4.61	12.1	195
2x6	re	0.8	1.8	3.08	13.1	245
3x1	re	0.6	1.8	18.1	9.5	116
3x1.5	re	0.6	1.8	12.1	10.0	137
3x2.5	re	0.7	1.8	7.41	11.3	184
3x4	re	0.8	1.8	4.61	12.7	249
3x6	re	0.8	1.8	3.08	13.8	320
4x1	re	0.6	1.8	18.1	10.1	136
4x1.5	re	0.6	1.8	12.1	10.7	162
4x2.5	re	0.7	1.8	7.41	12.1	223
4x4	re	0.8	1.8	4.61	13.7	306
4x6	re	0.8	1.8	3.08	15.0	399
5x1	re	0.6	1.8	18.1	10.7	156
5x1.5	re	0.6	1.8	12.1	11.4	189
5x2.5	re	0.7	1.8	7.41	13.0	263
5x4	re	0.8	1.8	4.61	14.8	364
5x6	re	0.8	1.8	3.08	16.2	478
7x1	re	0.6	1.8	18.1	11.4	191
7x1.5	re	0.6	1.8	12.1	12.4	237
7x2.5	re	0.7	1.8	7.41	14.2	335
7x4	re	0.8	1.8	4.61	16.2	473
7x6	re	0.8	1.8	3.08	17.7	628
9x1	re	0.6	1.8	18.1	13.3	237
9x1.5	re	0.6	1.8	12.1	14.2	294
9x2.5	re	0.7	1.8	7.41	16.5	422
9x4	re	0.6	1.8	4.61	19.1	599
9x6	re	0.6	1.8	3.08	21.0	799
12x1	re	0.6	1.8	18.1	14.1	289
12x1.5	re	0.6	1.8	12.1	15.2	361
12x2.5	re	0.7	1.8	7.41	17.7	525
12x4	re	0.6	1.8	4.61	20.4	755
12x6	re	0.6	1.8	3.08	22.6	1018
14x1	re	0.6	1.8	18.1	14.7	322
14x1.5	re	0.6	1.8	12.1	15.8	406
14x2.5	re	0.7	1.8	7.41	18.5	595
16x1	re	0.6	1.8	18.1	15.4	357
16x1.5	re	0.6	1.8	12.1	16.6	452



**Cablu de semnalizare cu izolatie si
manta de PVC, ecranat**

**PVC – insulated and sheathed signal
cables, screened**

Tipodi- mensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm	Rezistenta electrica max,la 20°C <i>Max. Resistance at 20°C</i> Ω/km	Diametru exterior nominal <i>Nominal outer diameter</i> mm	Masa inf <i>Mass inf</i> kg/km
16x2.5	re	0.7	1.8	7.41	19.4	666
19x1	re	0.6	1.8	18.1	16.1	406
19x1.5	re	0.6	1.8	12.1	17.3	517
19x2.5	re	0.7	1.8	7.41	20.3	768
21x1	re	0.6	1.8	18.1	18.4	457
21x1.5	re	0.6	1.8	12.1	19.9	581
21x2.5	re	0.7	1.8	7.41	23.5	861
24x1	re	0.6	1.8	18.1	18.4	500
24x1.5	re	0.6	1.8	12.1	19.9	581
24x2.5	re	0.7	1.8	7.41	23.5	954
27x1	re	0.6	1.8	18.1	18.8	547
27x1.5	re	0.6	1.8	12.1	20.3	703
27x2.5	re	0.7	1.9	7.41	24.4	1077
30x1	re	0.6	1.8	18.1	19.4	591
30x1.5	re	0.6	1.8	12.1	21.0	765
30x2.5	re	0.7	1.9	7.41	25.2	1173
33x1	re	0.6	1.8	18.1	20.0	642
33x1.5	re	0.6	1.9	12.1	21.7	830
33x2.5	re	0.7	2.0	7.41	26.1	1278
37x1	re	0.6	1.8	18.1	20.7	705
37x1.5	re	0.6	2.0	12.1	22.5	914
37x2.5	re	0.7	1.9	7.41	27.1	1412
42x1	re	0.6	1.9	18.1	23.1	798
42x1.5	re	0.6	1.9	12.1	25.5	1060
48x1	re	0.6	1.9	18.1	23.4	886
48x1.5	re	0.6	1.9	12.1	25.9	1180
52x1	re	0.6	1.9	18.1	24.4	972
52x1.5	re	0.6	1.9	12.1	26.5	1264
56x1	re	0.6	1.9	18.1	25.1	1035
56x1.5	re	0.6	1.9	12.1	27.3	1349
61x1	re	0.6	1.9	18.1	25.8	1113
61x1.5	re	0.6	1.9	12.1	28.0	1454



Cablu de semnalizare cu izolatie si manta de PVC, ecranat, flexibil

PVC – insulated and sheathed signal cables, screened

Standard de fabricatie: ST 106

Tensiune nominala U₀/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blocare, masurare, control tehnologic, avertizare de incendiu, circuite de curent continuu.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton, in apa

Conductor de cupru

Conductor multifilar flexibil SR EN 60228, cl 5

Izolatie

PVC tip YI1 sau IF

Ecran din aluminiu pe suport de poliester tip ALU/PET, grosime 9/12 μ cu fir de continuitate din sarma de cupru stanata de 0.4 mm.

Manta

PVC tip YM1 sau MF negru respectiv gri

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor, incercare conform SR EN 332-1-2 sau SR EN 50266-2-4 categoria C

Marcaj pe manta

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie.

Raza minima de curbura la instalare

8 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa, restul conductoarelor vor fi albe.

Standard: ST 106

Rated voltage U₀/U : 0.25/0.5 kV

Applicability :

Blocking, measuring, technological control, fire alert, DC circuits

The cables can be installed in open or confined areas, underground, in sewers, in concrete, under water

Copper conductor

Multiwire conductor SR EN 60228, cl 5.

Insulation

PVC type YI1 or IF

Screen

Aluminum screen on polyester base type ALU/PET 9/12 μ , with 0.4 mm tinned copper continuity wire.

Sheath

PVC type YM1 or MF black or gray

The cables are flame retardant or extra flame retardant; test according to SR EN 332-1-2 or SR EN 50266-2-4 / Category C.

Sheath marking

SC ELECTROPLAST SA, cable symbol, operational voltage, year of manufacture

Min. bending radius at installation

8 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

Two adjacent conductors within each layer must have different colors, a dark and a light one, whereas the remaining ones must be white.



Cablu de semnalizare cu izolatie si manta de PVC, ecranat, flexibil

PVC – insulated and sheathed signal cables, screened

Tipodi- mensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C Ω/km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass inf kg/km</i>
2x1	rm	0.6	1.8	19.5	9.1	98
2x1.5	rm	0.6	1.8	13.3	9.6	113
2x2.5	rm	0.7	1.8	7.98	10.8	148
2x4	rm	0.8	1.8	4.95	12.1	195
2x6	rm	0.8	1.8	3.3	13.1	245
3x1	rm	0.6	1.8	19.5	9.5	116
3x1.5	rm	0.6	1.8	13.3	10.0	137
3x2.5	rm	0.7	1.8	7.98	11.3	184
3x4	rm	0.8	1.8	4.95	12.7	249
3x6	rm	0.8	1.8	3.3	13.8	320
4x1	rm	0.6	1.8	19.5	10.1	136
4x1.5	rm	0.6	1.8	13.3	10.7	162
4x2.5	rm	0.7	1.8	7.98	12.1	223
4x4	rm	0.8	1.8	4.95	13.7	306
4x6	rm	0.8	1.8	3.3	15.0	399
5x1	rm	0.6	1.8	19.5	10.7	156
5x1.5	rm	0.6	1.8	13.3	11.4	189
5x2.5	rm	0.7	1.8	7.98	13.0	263
5x4	rm	0.8	1.8	4.95	14.8	364
5x6	rm	0.8	1.8	3.3	16.2	478
7x1	rm	0.6	1.8	19.5	11.4	191
7x1.5	rm	0.6	1.8	13.3	12.4	237
7x2.5	rm	0.7	1.8	7.98	14.2	335
7x4	rm	0.8	1.8	4.95	16.2	473
7x6	rm	0.8	1.8	3.3	17.7	628
9x1	rm	0.6	1.8	19.5	13.3	237
9x1.5	rm	0.6	1.8	13.3	14.2	294
9x2.5	rm	0.7	1.8	7.98	16.5	422
9x4	rm	0.6	1.8	4.95	19.1	599
9x6	rm	0.6	1.8	3.3	21.0	799
12x1	rm	0.6	1.8	19.5	14.1	289
12x1.5	rm	0.6	1.8	13.3	15.2	361
12x2.5	rm	0.7	1.8	7.98	17.7	525
12x4	rm	0.6	1.8	4.95	20.4	755
12x6	rm	0.6	1.8	3.3	22.6	1018
14x1	rm	0.6	1.8	19.5	14.7	322
14x1.5	rm	0.6	1.8	13.3	15.8	406
14x2.5	rm	0.7	1.8	7.98	18.5	595
16x1	rm	0.6	1.8	19.5	15.4	357
16x1.5	rm	0.6	1.8	13.3	16.6	452



Cablu de semnalizare cu izolatie si
manta de PVC, ecranat, flexibil

PVC – insulated and sheathed signal
cables, screened

Tipodi- mensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C Ω/km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass inf kg/km</i>
16x2.5	rm	0.7	1.8	7.98	19.4	666
19x1	rm	0.6	1.8	19.5	16.1	406
19x1.5	rm	0.6	1.8	13.3	17.3	517
19x2.5	rm	0.7	1.8	7.98	20.3	768
21x1	rm	0.6	1.8	19.5	18.4	457
21x1.5	rm	0.6	1.8	13.3	19.9	581
21x2.5	rm	0.7	1.8	7.98	23.5	861
24x1	rm	0.6	1.8	19.5	18.4	500
24x1.5	rm	0.6	1.8	13.3	19.9	581
24x2.5	rm	0.7	1.8	7.98	23.5	954
27x1	rm	0.6	1.8	19.5	18.8	547
27x1.5	rm	0.6	1.8	13.3	20.3	703
27x2.5	rm	0.7	1.9	7.98	24.4	1077
30x1	rm	0.6	1.8	19.5	19.4	591
30x1.5	rm	0.6	1.8	13.3	21.0	765
30x2.5	rm	0.7	1.9	7.98	25.2	1173
33x1	rm	0.6	1.8	19.5	20.0	642
33x1.5	rm	0.6	1.9	13.3	21.7	830
33x2.5	rm	0.7	2.0	7.98	26.1	1278
37x1	rm	0.6	1.8	19.5	20.7	705
37x1.5	rm	0.6	2.0	13.3	22.5	914
37x2.5	rm	0.7	1.9	7.98	27.1	1412
42x1	rm	0.6	1.9	19.5	23.1	798
42x1.5	rm	0.6	1.9	13.3	25.5	1060
48x1	rm	0.6	1.9	19.5	23.4	886
48x1.5	rm	0.6	1.9	13.3	25.9	1180
52x1	rm	0.6	1.9	19.5	24.4	972
52x1.5	rm	0.6	1.9	13.3	26.5	1264
56x1	rm	0.6	1.9	19.5	25.1	1035
56x1.5	rm	0.6	1.9	13.3	27.3	1349
61x1	rm	0.6	1.9	19.5	25.8	1113
61x1.5	rm	0.6	1.9	13.3	28.0	1454



Cablu de semnalizare cu izolatie si manta de PVC,armat

PVC – insulated and sheathed signal cable armored

Standard: ST 106

Tensiune nominala U₀/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blacare,masurare,control tehnologic,circuite de curent continuu,cu solicitari mecanice mari.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant ,in canale ,in beton ,in apa

Temperatura max in functionarea de durata :70 °C

Temperatura de utilizare normala este de -30°C÷+60°C

Temperatura minima de montaj este de +5°C

Conductor de cupru

Conductor unifilar (re) ,SR EN 60228

Izolatie

PVC tip YI1 sau IF pentru cablurile cu rezistenta marita la propagarea flacarii

Manta interioara

PVC tip YI1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Armatura

Banda laminata la rece nezincata sau zincata de grosime minima 0.2 mm.

Manta exterioara

PVC tip YI1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri. ; SR EN 332-1-2 sau SR EN 50266-2-4/Cat C

Marcaj pe manta

SC ELECTROPLAST SA ,simbol cablu ,tensiune de lucru, an de fabricatie.

Raza minima de curbura la instalare

10xdiametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa ,restul conductoarelor vor fi albe.

Standard: ST 106

Rated voltage U₀/U : 0.25/0.5 kV

Applicability :

Blocking, measuring, technological control, DC circuits under strong mechanical stress

The cables can be installed in open or confined areas, underground, in sewers, in concrete, under water

Max. temperature in long-run operation: 70 °C

Normal operational temperature range : -30°C÷+60°C

Minimum temperature during installation : +5°C

Copper conductor

Monowire conductor (re),SR EN 60228

Insulation

PVC type YI1 or IF for extra flame retardant cables

Inner sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray

Aarmor

Blank or zinc-plated cold-rolled tape, min. thickness 0.2 mm.

Outer sheath

PVC type YM1 or MF

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4 / Category C.

Sheath marking

SC ELECTROPLAST SA , cable symbol , operational voltage, year of manufacture

Min. bending radius at installation

10 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

Two adjacent conductors within each layer must have different colors, a dark and light one, whereas the remaining ones must be white.



**Cablu de semnalizare cu izolatie si
manta de PVC,armat**

**PVC – insulated and sheathed signal cable
armored**

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
2x1	re	0.6	0.8	1.4	10.1	18.1	178
2x1.5	re	0.6	0.8	1.4	10.7	12.1	204
2x2.5	re	0.7	0.8	1.4	11.9	7.41	256
2x4	re	0.8	0.8	1.4	13.2	4.61	329
2x6	re	0.8	0.8	1.4	14.4	3.08	404
3x1	re	0.6	0.8	1.4	10.4	18.1	196
3x1.5	re	0.6	0.8	1.4	11.1	12.1	228
3x2.5	re	0.7	0.8	1.4	12.4	7.41	292
3x4	re	0.8	0.8	1.4	13.8	4.61	381
3x6	re	0.8	0.8	1.4	15.1	3.08	475
4x1	re	0.6	0.8	1.4	11.0	18.1	223
4x1.5	re	0.6	0.8	1.4	11.7	12.1	262
4x2.5	re	0.7	0.8	1.4	13.2	7.41	341
4x4	re	0.8	0.8	1.4	14.8	4.61	451
4x6	re	0.8	0.8	1.4	16.3	3.08	570
5x1	re	0.6	0.8	1.4	11.7	18.1	253
5x1.5	re	0.6	0.8	1.4	12.5	12.1	299
5x2.5	re	0.7	0.8	1.4	14.1	7.41	395
5x4	re	0.8	0.8	1.4	15.9	4.61	528
5x6	re	0.8	0.8	1.4	17.5	3.08	672
7x1	re	0.6	0.8	1.4	12.4	18.1	292
7x1.5	re	0.6	0.8	1.4	13.2	12.1	349
7x2.5	re	0.7	0.8	1.4	15.0	7.41	475
7x4	re	0.8	0.8	1.4	17.1	4.61	645
7x6	re	0.8	0.8	1.4	18.8	3.08	826
9x1	re	0.6	0.8	1.4	14.7	18.1	350
9x1.5	re	0.6	0.8	1.4	15.7	12.1	419
9x2.5	re	0.7	0.8	1.4	18.0	7.41	568
9x4	re	0.8	1.0	1.4	20.9	4.61	792
9x6	re	0.8	1.0	1.4	22.9	3.08	1015
12x1	re	0.6	0.8	1.4	15.5	18.1	408
12x1.5	re	0.6	0.8	1.4	16.6	12.1	495
12x2.5	re	0.7	0.8	1.4	19.1	7.41	683
12x4	re	0.8	1.0	1.4	22.3	4.61	964
14x1	re	0.6	0.8	1.4	16.1	18.1	448
14x1.5	re	0.6	0.8	1.4	17.3	12.1	546
14x2.5	re	0.7	0.8	1.4	19.9	7.41	760
16x1	re	0.6	0.8	1.4	16.8	18.1	489
16x1.5	re	0.6	0.8	1.4	18.0	12.1	599



**Cablu de semnalizare cu izolatie si
manta de PVC,armat**

**PVC – insulated and sheathed signal cable
armored**

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
16x2.5	re	0.7	1.0	1.4	21.2	7.41	863
19x1	re	0.6	0.8	1.4	17.5	18.1	545
19x1.5	re	0.6	0.8	1.4	18.8	12.1	672
19x2.5	re	0.7	1.0	1.4	22.2	7.41	975
21x1	re	0.6	0.8	1.4	19.8	18.1	618
21x1.5	re	0.6	1.0	1.4	21.8	12.1	784
21x2.5	re	0.7	1.0	1.8	26.2	7.41	1151
24x1	re	0.6	0.8	1.4	19.8	18.1	660
24x1.5	re	0.6	1.0	1.4	21.8	12.1	842
24x2.5	re	0.7	1.0	1.8	26.2	7.41	1244
27x1	re	0.6	0.8	1.4	20.1	18.1	709
27x1.5	re	0.6	1.0	1.4	22.2	12.1	907
27x2.5	re	0.7	1.0	1.8	26.7	7.41	1347
30x1	re	0.6	1.0	1.4	21.1	18.1	785
30x1.5	re	0.6	1.0	1.4	22.8	12.1	979
30x2.5	re	0.7	1.0	1.8	27.5	7.41	1458
33x1	re	0.6	1.0	1.4	21.8	18.1	841
33x1.5	re	0.6	1.0	1.8	24.4	12.1	1098
33x2.5	re	0.7	1.0	1.8	28.4	7.41	1572
37x1	re	0.6	1.0	1.4	22.5	18.1	911
37x1.5	re	0.6	1.0	1.8	25.2	12.1	1192
37x2.5	re	0.7	1.0	1.8	29.4	7.41	1716
42x1	re	0.6	1.0	1.8	25.6	18.1	1077
42x1.5	re	0.6	1.0	1.8	27.6	12.1	1339
48x1	re	0.6	1.0	1.8	26.0	18.1	1169
48x1.5	re	0.6	1.0	1.8	28.0	12.1	1464
52x1	re	0.6	1.0	1.8	26.6	18.1	1239
52x1.5	re	0.6	1.0	1.8	28.7	12.1	1556
56x1	re	0.6	1.0	1.8	27.3	18.1	1310
56x1.5	re	0.6	1.0	1.8	29.4	12.1	1649
61x1	re	0.6	1.0	1.8	28.0	18.1	1396
61x1.5	re	0.6	1.0	1.8	30.2	12.1	1762



Cablu de semnalizare cu izolatie si manta de PVC, ecranat, flexibil

Standard de fabricatie: ST 106

Tensiune nominala Uo/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blocare, masurare, control tehnologic, avertizare de incendiu, circuite de curent continuu.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton, in apa

Temperatura max in functionarea de durata : 70 °C

Temperatura de utilizare normala este de -30°C÷+60°C

Temperatura minima de montaj este de +5°C

Conductor de cupru

Conductor unifilar (re), SR EN 60228

Izolatie

PVC tip YI1 sau IF pentru cablurile cu rezistenta marita la propagarea flacarii

Ecran

Ecran din aluminiu pe suport de poliester, tip ALU/PET 9/12µ.

Manta interioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Armatura

Banda laminata la rece nezincata sau zincata de grosime minima 0.2 mm.

Manta exterioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarii, incercare conf SR EN 332-1-2 sau SR EN 50266-2-4 categoria C

Marcaj pe manta

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie.

Raza minima de curbura la instalare

10x diametrul cablului

Fora maxima de tractiune la pozare

50 N/mm²

Cod de culori

Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa, restul conductoarelor vor fi albe.

PVC – insulated and sheathed signal cables, screened

Standard: ST 106

Rated voltage Uo/U : 0.25/0.5 kV

Applicability :

Blocking, measuring, technological control, fire alert, DC circuits

The cables can be installed in open or confined areas, underground, in sewers, in concrete, under water

Max. temperature in long-run operation: 70 °C

Normal operational temperature range : -30°C÷+60°C

Minimum temperature during installation : +5°C

Copper conductor

Monowire conductor (re), SR EN 60228

Insulation

PVC type YI1 or IF for extra flame retardant cables

Screen

Aluminum screen on polyester base type ALU/PET 9/12µ.

Inner sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray

Aarmor

Blank or zinc-plated cold-rolled tape of min. 0.2 mm in thickness.

Sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray.

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Sheath marking

SC ELECTROPLAST SA, cable symbol, operational voltage, year of manufacture

Raza minima de curbura la instalare

10 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

Two adjacent conductors within each layer must have different colors, a dark and light one, whereas the remaining ones must be white.



**Cablu de semnalizare cu izolatie si
manta de PVC, ecranat, flexibil**

**PVC – insulated and sheathed signal
cables, screened**

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatii Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
2x1	re	0.6	0.8	1.4	10.7	18.1	178
2x1.5	re	0.6	0.8	1.4	11.2	12.1	198
2x2.5	re	0.7	0.8	1.4	12.4	7.41	245
2x4	re	0.8	0.8	1.4	13.7	4.61	305
2x6	re	0.8	0.8	1.4	14.7	3.08	365
3x1	re	0.6	0.8	1.4	11.1	18.1	199
3x1.5	re	0.6	0.8	1.4	11.6	12.1	225
3x2.5	re	0.7	0.8	1.4	12.9	7.41	285
3x4	re	0.8	0.8	1.4	14.3	4.61	364
3x6	re	0.8	0.8	1.4	15.4	3.08	446
4x1	re	0.6	0.8	1.4	11.7	18.1	225
4x1.5	re	0.6	0.8	1.4	12.3	12.1	258
4x2.5	re	0.7	0.8	1.4	13.7	7.41	333
4x4	re	0.8	0.8	1.4	15.3	4.61	432
4x6	re	0.8	0.8	1.4	16.6	3.08	536
5x1	re	0.6	0.8	1.4	12.3	18.1	252
5x1.5	re	0.6	0.8	1.4	13.0	12.1	291
5x2.5	re	0.7	0.8	1.4	14.6	7.41	381
5x4	re	0.8	0.8	1.4	16.4	4.61	500
5x6	re	0.8	0.8	1.4	17.8	3.08	628
7x1	re	0.6	0.8	1.4	13.0	18.1	294
7x1.5	re	0.6	0.8	1.4	13.8	12.1	344
7x2.5	re	0.7	0.8	1.4	15.6	7.41	461
7x4	re	0.8	0.8	1.4	17.6	4.61	618
7x6	re	0.8	0.8	1.4	19.1	3.08	788
9x1	re	0.6	0.8	1.4	14.9	18.1	359
9x1.5	re	0.6	0.8	1.4	15.8	12.1	424
9x2.5	re	0.7	0.8	1.4	18.1	7.41	574
9x4	re	0.8	1.0	1.4	21.1	4.61	799
9x6	re	0.8	1.0	1.4	23.8	3.08	1065
12x1	re	0.6	0.8	1.4	15.7	18.1	418
12x1.5	re	0.6	0.8	1.4	16.8	12.1	500
12x2.5	re	0.7	0.8	1.4	19.3	7.41	689
12x4	re	0.8	1.0	1.8	22.4	4.61	970
12x6	re	0.8	1.0	1.8	25.4		1304
14x1	re	0.6	0.8	1.4	16.3	18.1	457
14x1.5	re	0.6	0.8	1.4	17.4	12.1	552
14x2.5	re	0.7	0.8	1.4	20.1	7.41	767
16x1	re	0.6	0.8	1.4	17.0	18.1	499
16x1.5	re	0.6	0.8	1.4	18.2	12.1	605



**Cablu de semnalizare cu izolatie si
manta de PVC, ecranat, flexibil**

**PVC – insulated and sheathed signal
cables, screened**

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
16x2.5	re	0.7	1.0	1.4	21.4	7.41	869
19x1	re	0.6	0.8	1.4	17.7	18.1	555
19x1.5	re	0.6	0.8	1.4	18.9	12.1	678
19x2.5	re	0.7	1.0	1.4	22.3	7.41	981
21x1	re	0.6	0.8	1.4	20.0	18.1	629
21x1.5	re	0.6	1.0	1.4	21.9	12.1	790
21x2.5	re	0.7	1.0	1.8	26.3	7.41	1158
24x1	re	0.6	0.8	1.4	20.0	18.1	671
24x1.5	re	0.6	1.0	1.4	21.9	12.1	848
24x2.5	re	0.7	1.0	1.8	26.3	7.41	1251
27x1	re	0.6	1.0	1.8	20.8	18.1	742
27x1.5	re	0.6	1.0	1.4	22.3	12.1	914
27x2.5	re	0.7	1.0	1.8	26.8	7.41	1355
30x1	re	0.6	1.0	1.8	21.4	18.1	797
30x1.5	re	0.6	1.0	1.8	23.8	12.1	1030
30x2.5	re	0.7	1.0	1.8	27.6	7.41	1466
33x1	re	0.6	1.0	1.8	22.0	18.1	853
33x1.5	re	0.6	1.0	1.8	24.5	12.1	1105
33x2.5	re	0.7	1.0	1.8	28.5	7.41	1579
37x1	re	0.6	1.0	1.8	22.7	18.1	923
37x1.5	re	0.6	1.0	1.8	25.3	12.1	1199
37x2.5	re	0.7	1.0	1.8	28.5	7.41	1724
42x1	re	0.6	1.0	1.8	25.9	18.1	1090
42x1.5	re	0.6	1.0	1.8	27.9	12.1	1354
48x1	re	0.6	1.0	1.8	26.2	18.1	1183
48x1.5	re	0.6	1.0	1.8	28.3	12.1	1478
52x1	re	0.6	1.0	1.8	26.8	18.1	1253
52x1.5	re	0.6	1.0	1.8	28.9	12.1	1570
56x1	re	0.6	1.0	1.8	27.5	18.1	1324
56x1.5	re	0.6	1.0	1.8	29.7	12.1	1664
61x1	re	0.6	1.0	1.8	28.2	18.1	1410
61x1.5	re	0.6	1.0	1.8	30.4	12.1	1777



Cablu de semnalizare cu izolatie si manta de PVC

PVC – insulated and sheathed signal cables

Standard de fabricatie: ST 106

Standard: ST 106

Tensiune nominala Uo/U : 0.25/0.5 kV

Rated voltage Uo/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blacare,masurare,control tehnologic,circuite de curent continuu,cu solicitari mecanice mari.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant ,in canale ,in beton ,in apa

Applicability :

Blocking, measuring, technological control, DC circuits under strong mechanical stress

The cables can be installed in open or confined areas, underground, in sewers, in concrete, under water

Conductor de cupru

Conductor unifilar sau multifilar
SR EN 60228

Copper conductor

Monowire conductor or multiwire SR EN 60228

Izolatie

PVC tip YI1 sau IF

Insulation

PVC type YI1 or IF

Manta

PVC tip YM1 sau MF negru respectiv gri

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor ,incercare conf
SR EN 332-1-2 sau SR EN 50266-2-4 categoria C

Sheath

PVC type YM1 or MF black and gray

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or
SR EN 50266-2-4/ Category C.

Marcaj pe manta

SC ELECTROPLAST SA ,simbol cablu ,tensiune de lucru, an de fabricatie.

Sheath marking

SC ELECTROPLAST SA , cable symbol , operational voltage, year of manufacture

Raza minima de curbura la instalare

8xdiametrul cablului

Min. bending radius at installation :

8 x cable diameter

Forta maxima de tractiune la pozare

50 N/mm²

Max. tensile strain during installation :

50 N/mm²

Cod de culori

-Conductoare negre numerotate numerote din interior spre exterior,ultimul conductor in exterior verde-galben
-Conductoare negre numerotate din interior spre exterior

Color coding

- Black conductors numbered from the inside out, last outer conductor yellow-green
- Black conductors numbered from the inside out.



**Cablu de semnalizare cu izolatie si
manta de PVC**

**PVC – insulated and sheathed signal
cables**

Tipodi- mensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C Ω/km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass inf kg/km</i>
2x1	re	0.6	1.8	18.1	8.5	104
2x1.5	re	0.6	1.8	12.1	9.0	123
2x2.5	re	0.7	1.8	7.41	10.2	167
2x4	re	0.8	1.8	4.61	11.5	227
2x6	re	0.8	1.8	3.08	12.7	295
2x10	re	1.0	1.8	1.83	15.1	443
3x1	re	0.6	1.8	18.1	8.8	119
3x1.5	re	0.6	1.8	12.1	9.4	142
3x2.5	re	0.7	1.8	7.41	10.7	198
3x4	re	0.8	1.8	4.61	12.1	273
3x6	re	0.8	1.8	3.08	13.4	361
3x10	re	1.0	1.8	1.83	16.0	549
4x1	re	0.6	1.8	18.1	9.4	140
4x1.5	re	0.6	1.8	12.1	10.0	170
4x2.5	re	0.7	1.8	7.41	11.5	239
4x4	re	0.8	1.8	4.61	13.1	334
4x6	re	0.8	1.8	3.08	14.6	445
4x10	re	1.0	1.8	1.83	17.5	685
5x1	re	0.6	1.8	18.1	10.1	164
5x1.5	re	0.6	1.8	12.1	10.8	200
5x2.5	re	0.7	1.8	7.41	12.4	284
5x4	re	0.8	1.8	4.61	14.3	401
5x6	re	0.8	1.8	3.08	15.8	525
5x10	re	1.0	1.8	1.83	19.0	810
7x1	re	0.6	1.8	18.1	10.6	196
7x1.5	re	0.6	1.8	12.1	11.3	242
7x2.5	re	0.7	1.8	7.41	13.1	350
7x4	re	0.8	1.8	4.61	15.2	504
7x6	re	0.8	1.8	3.08	16.7	676
7x10	re	1.0	1.8	1.83	20.3	1059
9x1	re	0.6	1.8	18.1	13.1	231
9x1.5	re	0.6	1.8	12.1	14.0	287
9x2.5	re	0.7	1.8	7.41	16.3	414
9x4	re	0.6	1.8	4.61	18.8	590
9x6	re	0.6	1.8	3.08	20.8	790
9x10	re	0.7	1.9	1.83	25.8	1261
12x1	re	0.6	1.8	18.1	13.9	231
12x1.5	re	0.6	1.8	12.1	14.9	354
12x2.5	re	0.7	1.8	7.41	17.4	517
12x4	re	0.6	1.8	4.61	20.2	746



**Cablu de semnalizare cu izolatie si
manta de PVC**

**PVC – insulated and sheathed signal
cables**

Tipodi- mensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C Ω/km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass inf kg/km</i>
12x6	re	0.6	1.8	3.08	22.3	1008
12x10	re	0.7	1.8	1.83	27.8	1620
14x1	re	0.6	1.8	18.1	14.5	315
14x1.5	re	0.6	1.8	12.1	15.6	398
14x2.5	re	0.7	1.8	7.41	18.2	586
16x1	re	0.6	1.8	18.1	15.2	350
16x1.5	re	0.6	1.8	12.1	16.3	444
16x2.5	re	0.7	1.8	7.41	19.1	657
19x1	re	0.6	1.8	18.1	15.9	398
19x1.5	re	0.6	1.8	12.1	17.1	509
19x2.5	re	0.7	1.8	7.41	20.1	758
21x1	re	0.6	1.8	18.1	18.2	449
21x1.5	re	0.6	1.8	12.1	19.7	572
21x2.5	re	0.7	1.8	7.41	23.3	850
24x1	re	0.6	1.8	18.1	18.2	491
24x1.5	re	0.6	1.8	12.1	19.7	630
24x2.5	re	0.7	1.8	7.41	23.3	943
27x1	re	0.6	1.8	18.1	18.5	536
27x1.5	re	0.6	1.8	12.1	20.1	691
27x2.5	re	0.7	1.9	7.41	23.8	1040
30x1	re	0.6	1.8	18.1	19.1	584
30x1.5	re	0.6	1.8	12.1	20.7	755
30x2.5	re	0.7	1.9	7.41	25.0	1164
33x1	re	0.6	1.8	18.1	19.8	633
33x1.5	re	0.6	1.9	12.1	21.5	820
33x2.5	re	0.7	2.0	7.41	25.9	1266
37x1	re	0.6	1.8	18.1	20.5	696
37x1.5	re	0.6	2.0	12.1	22.3	904
37x2.5	re	0.7	1.9	7.41	22.9	1399
42x1	re	0.6	1.9	18.1	22.8	788
42x1.5	re	0.6	1.9	12.1	25.2	1049
48x1	re	0.6	1.9	18.1	23.2	876
48x1.5	re	0.6	1.9	12.1	25.6	1169
52x1	re	0.6	1.9	18.1	24.2	961
52x1.5	re	0.6	1.9	12.1	26.3	1252
56x1	re	0.6	1.9	18.1	24.9	1024
56x1.5	re	0.6	1.9	12.1	27.0	1337
61x1	re	0.6	1.9	18.1	25.6	1101
61x1.5	re	0.6	1.9	12.1	27.8	1441