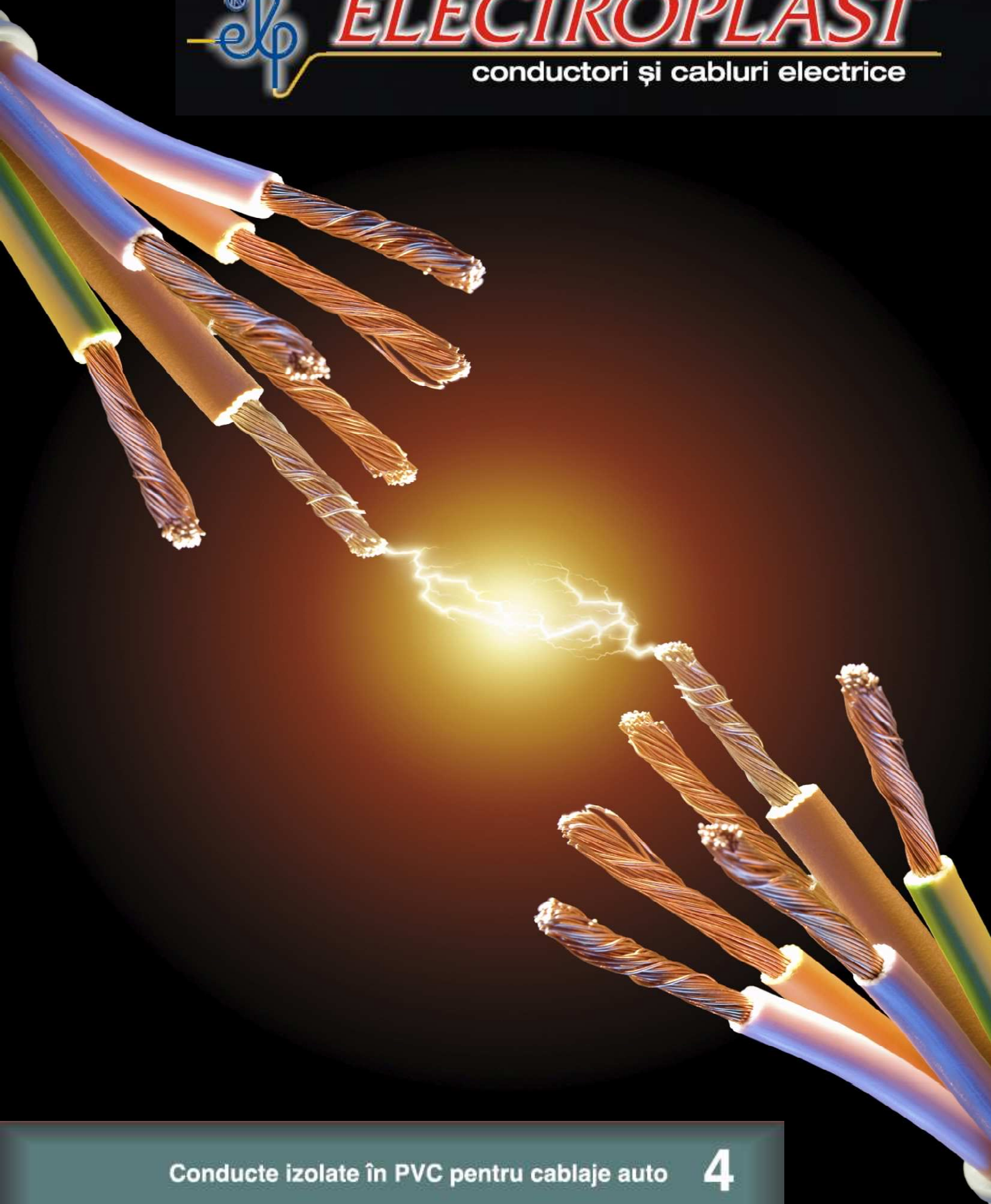




ELECTROPLAST

conductori și cabluri electrice



Conducte izolate în PVC pentru cablaje auto

4

PVC-insulated conductors for automotive harnesses

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Cabluri monofilare fara manta

Unsheathed single-core cables

Standard de fabricatie: SR ISO 6722
DIN 72551/2

Domeniul de utilizare
Cablaje in domeniul auto

Temperatura de lucru: -20÷85 °C

Tensiune max de lucru: <50V c.a
<75 v in c.c

Conductor de cupru
Conductor de cupru recopt multifilar (clasa 5),

Izolatie
PVC tip TI1(YI1)

Marcaj
SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata: 85°C

Cod de culori
Cabluri monocolor: negru, albastru, maro, gri,
portocaliu, rosu, violet, alb, verde si galben

Standard : SR ISO 6722/3
DIN 72551/2

Applicability :
Automotive cable harnesses

Temperature in operation : +100÷-20° C

Max rated voltage: <50V a.c
<75 v d..c

Copper conductor
Multiwire annealed copper conductor (class 5),

Insulation:
PVC type TI1(YI1)

Marking :
SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 85°C

Color coding
Monochrome cables: black, blue, brown, gray, orange,
red, violet, white, green and yellow.

Sectiune nominala a cond. <i>Nominal crosssection of conductor</i> mm ²	Diametru max sarmei de cupru <i>Max. copper wire diam</i> mm	Grosime nominala izolatii <i>Nominal insulation thickness</i> mm	Diametru exterior max nominal <i>Nominal outer diameter</i> mm	Rezistenta electrica, max la 20°C <i>Max. resistance at 20°C</i> Ω/km	Masa Inf <i>Mass inf</i> kg/km
0.5	0.21	0.6	2.3	37.1	9
0.75	0.21	0.6	2.5	24.7	12
1	0.21	0.6	2.7	18.5	15
1.5	0.26	0.6	3	12.7	20
2.5	0.26	0.7	3.6	7.6	32
4	0.31	0.8	4.4	4.71	50
6	0.31	0.8	5.0	3.14	71
10	0.41	1.0	6.5	1.82	118
16	0.41	1.0	8.3	1.16	176
25	0.41	1.3	10.4	0.743	282
35	0.41	1.3	11.6	0.527	387
50	0.41	1.5	13.5	0.368	540
70	0.51	1.5	15.5	0.259	740
95	0.51	1.6	18.0	0.196	886
120	0.51	1.6	19.7	0.153	1160

Cabluri monofilare fara manta

Standard de fabricatie: SR ISO 6722/4
DIN 72551/6

Domeniul de utilizare
Cablaje in domeniul auto

Tensiune max de lucru: <50V c.a
<75 v in c.c

Temperatura de lucru : -20 ÷ +100 C

Conductor de cupru
Conductor de cupru recopt multifilar (clasa 5),

Izolatie
PVC tip I105

Marcaj
SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata: 100°C

Cod de culori
Cabluri monocolor: negru, albastru, maro, gri, portocaliu, rosu, violet, alb, verde si galben

Unsheathed single-core cables

Standard : SR ISO 6722/4
DIN 72551/6

Applicability :
Automotive cable harnesses

Max rated voltage: <50V a.c
<75 v d..c

Temperature in operation : -20÷ +100² C

Copper conductor
Multiwire annealed copper conductor (class 5),

Insulation:
PVC type I105

Marking :
SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 100°C

Color coding
Monochrome cables: black, blue, brown, gray, orange, red, violet, white, green and yellow.

Sectiune nominala a cond. <i>Nominal crossection of conductor</i> mm ²	Diametru max sarmei de cupru <i>Max. copper wire diam</i> mm	Grosime nominala izolatii, max <i>Nominal insulation thickness, max</i> mm		Diametru exterior max nominal <i>Nominal outer diameter</i> mm	Rezistenta electrica, max la 20°C <i>Max. resistance at 20°C</i> Ω/km	Masa Inf <i>Mass inf</i> kg/km
		min	max			
0.35	0.21	0.20	0.25	1.4	54.40	4
0.5	0.21	0.22	0.30	1.6	37.10	7
0.75	0.21	0.24	0.35	1.9	24.70	9
1	0.21	0.24	0.35	2.1	18.50	12
1.5	0.26	0.24	0.35	2.4	12.70	17
2.5	0.26	0.28	0.40	3.0	7.60	28
4	0.31	0.32	0.47	3.7	4.71	44
6	0.31	0.32	0.50	4.3	3.14	64



Cabluri cu izolatie si manta de PVC, 100 ° C

Standard de fabricatie: ST 136-08 ;SR ISO 6722/1/2

Tensiune nominala: > 50 V

Domeniul de utilizare

Cablurile sunt utilizate pentru cablaje auto (camioane)

Conductor de cupru

Conductor de cupru recept multifilar (clasa 5),
SR EN 60228

Izolatie

PVC ptr 100° C

Manta

PVC tip TM3

Temperatura max. de lucru in functionarea de durata: 100°C

Raza minima de curbura

6x diametru cordonului

Forta maxima de tragere la pozare

15 N/mm² pe sectiunea totala de cupru

Cod culori:

2x0.75 -alb/verde

2x0.75-negru/rosu

2x1 -albastru inchis/maro

2x0.5 -alb/negru

3x0.5 -rosu/alb/negru

3x0.5 -rosu/verde/negru

4x0.5 -albastru inchis/alb/negru/rosu

6x0.5 -albastru inchis/rosu/verde/galben/maro/negru

6x1 -albastru inchis/rosu/verde/galben/2 alb-rosu

9x1 -albastru inchis/rosu/verde/galben/alb-

rosu/albastru inchis-negru/rosu-negru/verde-

negru/galben-negru

2x2.5 -negru/rosu

2x2.5+2x1-negru/rosu+maro/albastru inchis

Culoarea mantalei neagra

PVC – insulated and sheathed cords

Standard: ST 136-08; SR ISO 6722/1/2

Rated voltage U₀/U: >50 V

Applications :

Automotive cable harnesses (trucks).

Copper conductor:

Multiwire annealed copper conductor (class 5)
SR EN 60228

Insulation:

PVC for 100° C

Sheath:

PVC type TM3

Max. long-run operational temperature: 100°C

Min. bending radius:

6 x cord diameter

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color code:

2x0.75 -white/green

2x0.75 -black/red

2x0.5 - white/ black

2x1 -deep blue/brown

3x0.5 -red/white/black

3x0.5 -red/green/black

4x0.5 -deep blue/white/black/red

6x0.5 -deep blue/red/green/yellow/brown/black

6x1 -deep blue/red/green/yellow/2 white-red

9x1 -deep blue/red/green/yellow/white-red/deep

blue-black/red-black/green-black/yellow-black

2x2.5-black/red

2x2.5+2x1-black/red+brown/deep blue

Sheath colors black



Cabluri cu izolatie si manta de
PVC, 100 ° C

PVC – insulated and sheathed cords

Tipodimensiune cordon Cord size	Diam. firului de cupru Diam. of copper wire mm	Grosime radiala izolatii, min 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	Rezistivitate de volum Min MΩ*km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass, inf kg/km
2x0.5	0.2	0.3	0.6	37.1	1000	4.4±0.05	35.6
3x0.5	0.2	0.3	0.6	37.1	1000	4.7±0.05	35.6
4x0.5	0.2	0.3	0.6	37.1	1000	5.1±0.05	43.7
6x0.5	0.2	0.3	0.6	37.1	1000	6.0±0.05	53.4
2x0.75	0.2	0.3	0.6	24.7	1000	4.8±0.05	28.0
2x1	0.2	0.35	0.6	18.5	1000	5.3±0.05	46.9
6x1	0.2	0.35	0.7	18.5	1000	7.6±0.05	95.4
9x1	0.2	0.35	0.7	18.5	1000	9.2±0.05	136.3
2x2.5	0.25	0.5	0.6	7.6	1000	7.2±0.05	
2x2.5+2x1	0.25;0.2	0.5;0.35	0.8	7.6;18.5	1000	7.7±0.05	

**Cabluri monofilare fara manta****Unsheathed single-core cables**

Standard de fabricatie: SR ISO 6722
Norma FIAT 9.91107/13

Domeniul de utilizare
Cablaje in domeniul auto

Tensiune max de lucru: <50V c.a
<75 v in c.c

Temperatura de utilizare: -30÷105 °C

Conductor de cupru
Conductor de cupru recopt multifilar (clasa 5),
conf SR EN 60228

Izolatie
PVC tip KL 95, T2 105° C

Raza minima de curbura: 6xdiometru

Cablurile au o buna rezistenta la
gazolina, uleiuri, benzine, acid de baterii
si sunt in concordanta cu Directiva EEC 2000/53

Culori
Cabluri monocolor: negru, albastru, maro, gri,
portocaliu, rosu, violet, alb, verde si galben sau
cabluri bicolore

Standard : SR ISO 6722
FIAT 9.91107/13

Applicability:
Automotive cable harnesses

Max rated voltage: <50V AC
V DC <75

Temperature rating: -30÷105 °C

Copper conductor
Multiwire annealed copper conductor (class 5),
according to SR EN 60228

Insulation:
PVC type KL 95, T2 105°C

Min. bending radius at installation :
6x outer diameter

Good rezistance to Gasoline, Diesel Fuel ,Oil, Battery
Acid, Engine Coolant
Cables are according with the requirements of EEC
Directive 2000/53

Colors
Monochrome cables: black, blue, brown, gray, orange,
red, violet, white, green and yellow
or bi-colored cables

Sectiune nominala a cond. <i>Nominal crosssection of conductor</i> mm ²	Costructie conductor <i>Conductor construction</i>	Grosime izolatie,min <i>Min.insulation thickness</i> mm	Diametru exterior <i>Outer diameter</i> mm	Rezistenta electrica, max la 20°C <i>Max. resistance at 20°C</i> Ω/km	Masa Inf <i>Mass inf</i> kg/km
0.35	7x0.25	0.2	1.25±0.05	52	4.5
0.5	16x0.2	0.22	1.5±0.05	37.1	6.6
0.75	24x0.2	0.24	1.8±0.05	24.70	9
1	32x0.2	0.24	1.9±0.05	18.5	11
1.5	30x0.25	0.24	2.25±0.05	12.7	16
2	40x0.25	0.3	2.55±0.05	9.42	22
2.5	50x0.25	0.28	2.8±0.05	7.6	26
4	56x0.3	0.32	3.45±0.1	4.7	42
6	84x0.3	0.32	4.05±0.1	3.22	61
8	113x0.3	0.9	5.7±0.15	2.35	106
10	84x0.4	1.05	6.9±0.15	1.83	123
16	122x0.4	1.6	8.6±0.15	1.15	204
25	179x0.4	1.4	9.0±0.15	0.78	290
35	251x0.4	1.4	11.8±0.2	0.55	370
50	364x0.4	1.6	13.7±0.2	0.39	542
70	516x0.4	1.8	14.4±0.2	0.27	766

VAY ;48 AU S1N



Cabluri de pornire monofilare fara manta

Unsheathed single-core cables

Standard de fabricatie: SR ISO 6722

NF R 13-414

NF R 13-415

Domeniul de utilizare

Cablaje in domeniul auto

Temperatura de lucru: -20÷85 °C

Tensiune max de lucru: <48 V c.a

<75 v in c.c

Conductor de cupru

Conductor de cupru recept multifilar (clasa 5),

Izolatie

PVC tip TI1(YI1)

Marcaj

SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata: 85°C

Cod de culori

Cabluri monoculare: negru, rosu

Standard : SR ISO 6722/3

NF R 13-414

NF R 13-415

Applicability :

Automotive cable harnesses

Temperature in operation : -20² C÷85 °C

Max rated voltage: <48V a.c

<75 v d..c

Copper conductor

Multiwire annealed copper conductor (class 5),

Insulation:

PVC type TI1(YI1)

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 85°C

Color coding

Monochrome cables: black, red.

Sectiune nominala a cond. <i>Nominal crossection of conductor</i> mm ²	Diametru max sarmei de cupru <i>Max. copper wire diam</i> mm	Grosime nominala izolatie <i>Nominal insulation thickness</i> mm	Diametru exterior max nominal <i>Nominal outer diameter</i> mm	Rezistenta electrica, max la 20°C <i>Max. resistance at 20°C</i> Ω/km	Masa Inf <i>Mass inf</i> kg/km
6	0.31	0.8	5.3	3.3	65
10	0.31	0.9	7.6	1.91	110
16	0.31	1.0	8.8	1.21	168
25	0.31	1.1	10.6	0.78	258