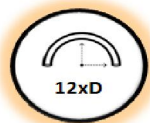
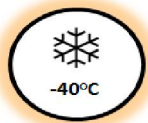
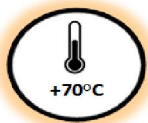


NYM



Cablu cu izolatie si manta de PVC

PVC-insulated and sheathed cable



Standard de fabricatie: VDE 0250/204
Tensiune nominala U_0/U : 0.3/0.5 kV

Domeniul de utilizare

Pentru conectarea la retea a aparaturii industriale

Temperatura minima de instalare pe cablu: -5°C

Temperatura maxima de lucru: +70°C

Temperatura maxima de scurt-circuit: +160°C

Conductor de cupru

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

Izolatie

PVC tip TII.

Manta

PVC tip TM1, negru sau gri.

Cablurile sunt cu intarziere la propagarea flacarilor, incercare
conf. SR EN 60332-1-2.

Marcaj pe manta

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

Raza minima de curbura la instalare

12 x diametrul cablului-cablu multifilar

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- 2 conductoare: albastru, maro
- 3 conductoare (-O): maro, negru, gri
(-J) galben-verde, albastru, maro
- 4 conductoare (-O): albastru, maro, negru, gri
(-J) galben-verde, maro, negru, gri
- 5 conductoare (-O): albastru, maro, negru, gri,
negru
(-J) galben-verde, albastru, maro,
negru, gri

Mai mult de 5 conductoare:

- (-O): conductoare negre, numerotate
- (-J): galben-verde, conductoare negre numerotate

Standard: VDE 0250/204

Rated voltage U_0/U : 0.3/0.5 kV

Applications

Power supply from the public network to industrial
equipment

**The minimum temperature of the cable during
installation:** -5°C

Max. permissible operating temperature: +70°C

Max. short-circuit temperature: +160°C

Copper conductor

Solid conductor (re) or concentrically stranded conductor
(rm); SR EN 60228

Insulation

PVC, TII type.

Sheath

PVC, TM1 type, black or grey.

Flame retardant cables, test according to SR EN60332-1-2.

Sheath marking

SC ELECTROPLAST SA, cable symbol, operational
voltage, manufacturing year.

Min. bending radius at installation

12 x cable diameter-multiwire cable

Max. tensile strain during installation

50 N/mm²

Color coding

- 2 conductors: blue, brown
- 3 conductors(-O): brown, black, grey
(-J) yellow-green, blue, brown
- 4 conductors: (-O) blue, brown, black, grey
(-J) yellow-green, brown, black,
grey
- 5 conductors: (-O) blue, brown, black, grey, black
(-J) yellow-green, blue, brown, black,
grey

More than 5 conductors:

- (-O): numbered black conductors
- (-J): yellow-green, numbered black conductors

NYM



Cablu cu izolatie si manta de PVC

PVC-insulated and sheathed cable

Tipodimensi une cablu	Tip conductor	Grosime radiala izolatie	Grosime radiala manta exterioara	Rezistenta electrica max, la 20°C	Diametru exterior nominal	Masa inf
<i>Cable size</i>	<i>Cond. type</i>	<i>Radial insulation thickness</i>	<i>Radial thickness of outer sheath</i>	<i>Max. resistance at 20°C</i>	<i>Nominal outer diameter</i>	<i>Mass inf</i>
		mm	mm	Ω/km	mm	kg/km
2x1	re	0.6	1.4	18.1	7.6	87
2x1.5	re	0.6	1.4	12.1	8.1	104
2x2.5	re	0.7	1.4	7.41	9.3	143
2x4	re	0.8	1.4	4.61	10.6	197
2x6	re	0.8	1.4	3.08	11.7	256
2x10	re	1.0	1.6	1.83	14.4	402
2x16	rm	1.0	1.6	1.15	17.0	578
2x25	rm	1.2	1.6	0.727	20.0	844
2x35	rm	1.2	1.8	0.524	22.4	1101
3x1	re	0.6	1.4	18.1	7.8	98
3x1.5	re	0.6	1.4	12.1	8.4	118
3x2.5	re	0.7	1.4	7.41	9.6	165
3x4	re	0.8	1.4	4.61	11.0	231
3x6	re	0.8	1.6	3.08	12.5	319
3x10	re	1.0	1.6	1.83	15.0	486
3x16	rm	1.0	1.6	1.15	17.7	703
3x25	rm	1.2	1.8	0.727	21.2	1060
3x35	rm	1.2	1.8	0.524	23.3	1368
4x1	re	0.6	1.4	18.1	8.6	120
4x1.5	re	0.6	1.4	12.1	9.2	146
4x2.5	re	0.7	1.4	7.41	10.6	208
4x4	re	0.8	1.6	4.61	12.6	306
4x6	re	0.8	1.6	3.08	13.8	402
4x10	re	1.0	1.6	1.83	16.7	624
4x16	rm	1.0	1.6	1.15	19.8	907
4x25	rm	1.2	1.8	0.727	23.8	1373
4x35	rm	1.2	1.8	0.524	26.3	1777
5x1.5	re	0.6	1.4	12.1	9.9	169
5x2.5	re	0.7	1.4	7.41	11.5	241
5x4	re	0.8	1.6	4.61	13.6	358
5x6	re	0.8	1.6	3.08	15.0	473
5x10	re	1.0	1.6	1.83	18.3	736
5x16	rm	1.0	1.8	1.15	22.2	1077
5x25	rm	1.2	1.8	0.727	26.2	1626
5x35	rm	1.2	1.8	0.524	28.9	2114
7x1.5	re	0.6	1.4	12.1	10.7	213
7x2.5	re	0.7	1.6	7.41	12.8	322