

Cablu pentru conectarea inductorilor in instalatiile de autostop cu manta fara halogen si rezistenta marita la propagarea flacarii

Cable that connect inductors in autostop installations with halogen free sheath (Low Smoke Zero Halogens)

Standard	Aprobări / Approvals	Ambalare / Packaging
ST 160		Tambur/ drum

CARACTERISTICI		CHARACTERISTICS	
Utilizare: Cablul este utilizat in domeniul feroviar pentru conectarea inductorilor in instalatii de autostop de la calea ferata ,clasa de risc 1A conf. OMT 290/2000 La ardere cablurile nu degaja gaze toxice și corozive și au emisie redusa de fum.		Applicability : Railway cable used to connect inductors in installations autostop at railroad grade 1A risk acc. to OMT 290/2000. During combustion the cables have low smoke emissions and do not release toxic or corrosive fumes.	
Tensiune nominala U ₀ /U	0.25/0.5 kV	Rated voltage U ₀ /U	0.25/0.5 kV
Tensiune de incercare	3.125 kV ca sau 7,5 kV cc , 5 min	Test voltage	3.125 kV ac or 7,5 kV dc,5 min
Rezistivitatea de volum specifica, min, Rezistenta de izolatie ,min	la 20 °C -10 ¹⁴ 1000 MΩ*km	Volume resistivity at , min Insulation resistance	at 20 °C-10 ¹⁴ 1000 MΩ*km
Capacitate la 800 Hz , max	32 nF/km	Capacity	32 nF/km
Temperatura de instalare pe cablu (masurata pe cablu)	+5 °C....+50°	The minim temperature of de cable during installation	+5 °C....+50°
Temperatura maxima de lucru	+70°C	Max.permissible operating temperature	+70°C
Temperatura maxima de scurt-circuit	+140°C (max 5 sec)	Max. short-circuit temperature	+140°C (max 5 sec)
Temperatura de utilizare normala	-40°C ÷ +70°C	Normal operational temperature range	-40°C ÷ +70°C
Conductor de cupru	Conductor unifilar (re), cl.1 conf. SR EN 60228	Copper conductor	Solid conductor (re), cl.1 according to SR EN 60228.
Izolatie	PE liniara	Insulation	PE
Ecran	Ecran din folie de Al/PET 9/12 μm	Screen	Aluminum screen on polyester base ALU/PET type, 9/12μm thickness.
Manta interioara	Poliolefina fara halogen, tip HM4;	Inner sheath	Halogen-free polyolefin, HM4 type.
Armatura	Bandade otel laminata la rece nezincata de grosime 0.2 mm.	Armor	Steel tape, 0.2 mm thickness

TA2YEABH 1x4x0.8

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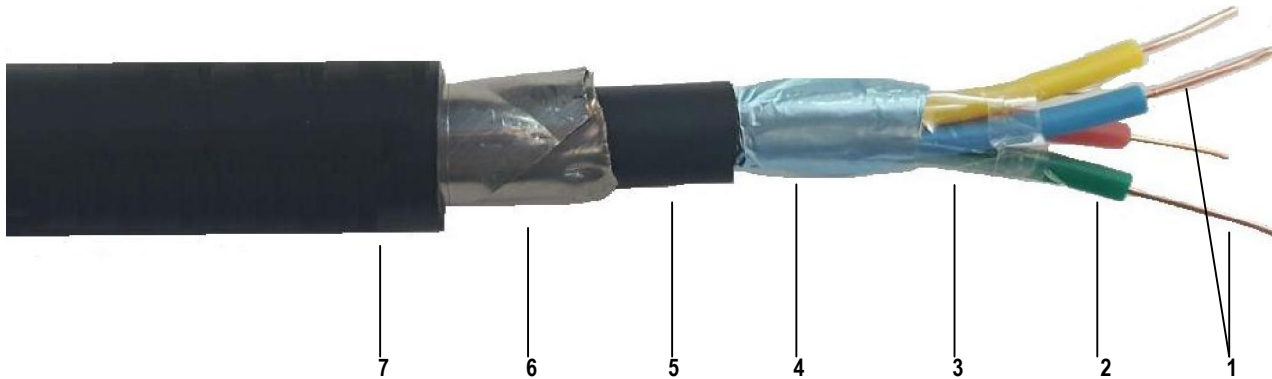
Manta exterioara	<p>Poliiolefina fara halogen, tip HM4; Cabluri sunt cu intarziere marita la propagarea flacarii conf SR EN 60332-3-24/cat C</p> <p>Corozivitatea gazelor de ardere conf SR EN 50267-2-2(SR CEI 60754-2)</p> <p>pH ≥ 4.3</p> <p>Conductivitatea ≤ 100 μS.cm⁻¹</p> <p>Densitatea fumului ,conf SR EN 61034-2</p> <p>Transmitanta luminii: ≥ (50-70) %</p>	Outer sheath	<p>Halogen-free polyolefin, HM4 type.</p> <p>Extra flame retardant cables test according to EN 60332-3-24/ C category</p> <p>Corrosivity of gases evolved</p> <p>* pH ≥ 4.3</p> <p>* Conductivity: ≤ 100 μS.cm⁻¹ according SR EN 50267-2-2 (SR CEI 60754-2)</p> <p>Smoke density according SR EN 61034-2</p> <p>Light permeability: ≥ (50-70) %</p>
Marcaj pe manta	<p>SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, luna,an de fabricatie, marcaj de lungime</p> <p>Exemplu de marcaj : TA2YEABH 1x4x0.8 0.25/0.5 kV ELECTROPLAST SA 01/2018 0000</p>	Sheath marking	<p>SC ELECTROPLAST SA, cable symbol, operational voltage, months, manufacturing year, length mark.</p> <p>Example: TA2YEABH 1x4x0.8 0.25/0.5 kV ELECTROPLAST SA 01/20180000</p>
Raza minima de curbura la instalare	Min. 10 x diametrul cablului	Min. bending radius at installation	Min. 10 x cable diameter
Forta maxima de tractiune la pozare	Max 50 N/mm ²	Max. tensile strain during installation	Max 50 N/mm ²
Cod de culori pentru izolatie	Rosu, albastru , galben, verde	Color coding for insulation	Red, blue, yellow, green

Tipodimensiune cablu	Tip conductor	Grosime radiala izolatie,	Grosime radiala manta interna nom	Grosime radiala nom/min manta exterioara	Rezistenta electrica max,la 20°C	Diametru exterior inf	Masa Inf
<i>Cable size</i>	<i>Conductor type</i>	<i>Insulation radial thickness</i>	<i>Inner sheath radial thickness</i>	<i>Sheath radial thickness Nom/min</i>	<i>Max. resistance at 20°C</i>	<i>Outer diameter Inf</i>	<i>Mass, inf</i>
		mm	mm	mm	Ω/km	mm	kg/km
1x4x0.8	re	1.0	1.8	2.5/1.8	36	17.0	364

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Forma constructiva:



- 1 Conductoare rotunde, unifilare, din cupru;
- 2 Conductoare izolate in PE ;
- 3 Invelis comun din benzi;
- 4 Ecran + fir de continuitate ;
- 5 Manta interna;
- 6 Armatura din banda de otel ;
- 7 Manta exterioara;

1	Conductoare rotunde, unifilare sau multifilare, din aluminiu	1	Monowire or multi wire aluminium conductors
2	Conductoare izolate	2	Insulated conductors
3	Invelis comun extrudat sau din benzi	3	Filler/ Plastic tapes
4	Ecran	4	Screen
5	Manta interna	5	Inner sheath
6	Armatura din banda de otel sau otel zincat	6	Blank or zinc-plated cold-rolled
7	Manta exterioara	7	Outer sheath