

Cablu pentru conectarea inductorilor in instalatiile de autostop

Cable to connect inductors in autostop installations

Standard	Aprobari / Approvals	Ambalare / Packaging	
ST 160:Ed1:2012 Rev 1:2018	Certificat de omologare tehnica feroviara Nr 177 , 178/ 2018 ,AFER Buc Railway Technical Approval Certificate No 177,178/2018, AFER Buc Romania	Tambur/ drum	

CARACTERISTICI		CHARACTERISTICS	
Utilizare: Cablu este utilizat in domeniul feroviar pentru conectarea inductorilor in instalatii de autostop de la calea ferata ,clasa de risc 1A conf OMT 290/2000 Cablurile sunt cu rezistenta la UV		Applicability : Railway cable is used to connect inductors in installations autostop at railroad grade 1A risk as OMT 290/2000 UV resistant cables.	
Tensiune nominala U₀/U	0.25/0.5 kV	Rated voltage U₀/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 izolatia, min	la 20 °C -10 ¹⁴ 1000 MΩ*km	Volume resistivity at , min Insulation resistance	at 20 °C-10 ¹⁴ 1000 MΩ*km
Capacitatea max. la 800 Hz	32 nF/km	Maximum capacity, 800 Hz	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 -altitudine max 1400 m -umiditate relativa max 100% la 20°C	Normal operational temperature range	-40°C ÷ +70°C -altitude up to 1400 m - relative humidity max 100% at 20 ° C
Conformitate RoHS	Da	RoHS compliancy	Yes
Conformitate REACH	Da	REACH compliancy	Yes
Conductor de cupru	Conductor unifilar (re) conf SR EN 60228	Copper conductor	Monowire (re), according to SR EN 60228
Izolatie Conductoarele izolate se infuniaza	PE liniara	Insulation The isolated conductors will be twisted	PE
Ecran	Ecran din folie de Al/PET 9/12 µm + fir de continuitate	Screen	Aluminum tape screen and screen continuity conductor
Manta interioara	PVC negru	Inner sheath	PVC black
Armatura	Bandade otel laminata la rece nezincata de grosime 0.2 mm.	Armor	Steel tape 0.2 mm thickness

TA2YEABY 1x4x0.8

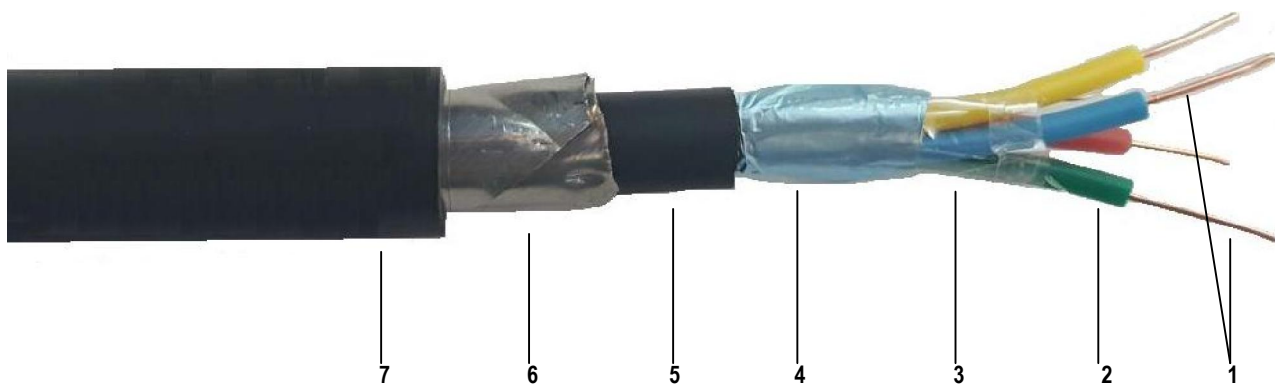
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Manta exterioara	PVC negru	Outer sheath	PVC black .
Marcaj pe manta	SC ELECTROPLAST SA ,simbol cablu ,tensiune de lucru, luna,an de fabricatie, marcaj de lungime Exemplu de marcaj : TA2YEABY 1x4x0.8 0.25/0.5 kV ELECTROPLAST SA 00/0000 0000	Sheath marking	SC ELECTROPLAST SA , cable symbol , operational voltage, months ,year of manufacture, mark length Example: TA2YEABY 1x4x0.8 0.25/0.5 kV ELECTROPLAST SA 00/0000 0000
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/ diametru/sectiune	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
Cable size	Type conductor/ diameter / section	Insulation radial thickness	Inner sheath radial thickness	Sheath radial thickness Nom/min	Max. resistance at 20°C	Outer diameter Inf	Mass, inf
		mm	mm	mm	Ω/km	mm	kg/km
1x4x0.8	re/0.8/0.5	1.0	1.8	2.5/1.8	36	17.0	364

Forma constructiva



1	Conductoare din cupru rotunde, unifilare	1	Monowire coper conductors
2	Conductoare izolate cu PE	2	PE insulated conductors
3	Invelis comun extrudat sau din benzi	3	Filler/ Plastic tapes
4	Ecran din banda de Al + fir de continuitate a ecranului	4	Aluminum tape screen and screen continuity conductor
5	Manta interna din PVC	5	PVC inner sheath
6	Armatura din banda de otel sau otel zincat	6	Blank or zinc-plated cold-rolled armor
7	Manta exterioara din PVC	7	PVC outer sheath