TEHNO SISTEM d.o.o.

TOPLOSKUPLJAJUĆI KABLOVSKI PRIBOR
HEAT-SHRINKABLE CABLE ACCESSORIES

KATALOG PROIZVODA
PRODUCT CATALOGUE
2019

SREDNJENAPONSKI TOPLOSKUPLJAJUĆI KABLOVSKI PRIBOR

TOPLOSKUPLJAJUĆE KABLOVSKE SPOJNICE ZA TROŽILNE NE/EKRANIZOVANE KABLOVE IZOLOVANE PLASTIČNOM MASOM NAPONA 10 I 20 kV

MEDIUM VOLTAGE HEAT-SHRINKABLE CABLE ACCESSORIES

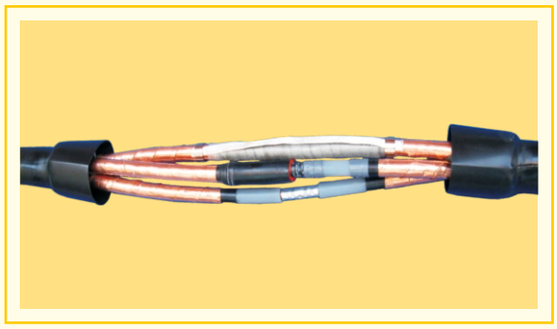
HEAT-SHRINKABLE CABLE JOINTS FOR THREE-CORE SCREENED PLASTIC CABLES 10 AND 20KV

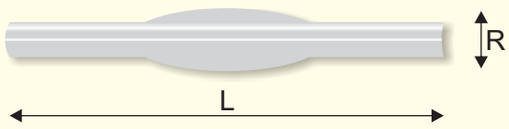
Namena:

Ove toploskupljajuće kablovske spojnice su namenjene za trožilne ekranizovane kablove izolovane plastičnom masom 10 i 20 kV tipa XHP, XHE i kablova slične konstrukcije.

Konstrukcija:

Spajanje provodnika kablova se vrši presovanjem spojnih čaura, regulacija el. polja se vrši pomoću elemenata za regulaciju el. polja, izolovanje spoja i spajanje ekrana se vrši upotrebom dvoslojnih izolacionih t.s. cevi. Spajanje bakarnih traka el. zaštite se vrši upotrebom bakarnih pletenica i mrežica, dok se vodonepropustljivost i mehanička zaštita postiže primenom plaštevskih toplosku-pljajućih cevi oslojenih lepkom.





Purpose:

These heat-shrinkable joints are designed to be applied to three-core screened plastic cables 10 and 20 kV, types XHP, XHE, XLPE and cables of similar construction.

Construction:

Wire connection is made by connectors, electrical field regulation is realized by stress control elements, joint insulation and screen joining are made by using a two-layer insulating tube. Earth Wires joint is made by using connectors and copper wire mesh, while water resistance and mechanical protection are realized by heat shrinkable tubes with hot melting adhesive.

Kodni broj	Tip proizvoda	Naponski nivo (kV)	Presek provodnika (mm^2)	Dužina spojnice L (mm)	Maks. prečnik spojnice R (mm)
14010M	TSKS 10/3-25	10	10 -25	1200	90
14011M	TSKS 10/3-70	10	25-70	1200	110
14012M	TSKS 10/3-150	10	70-150	1200	130
14013	TSKS 20/3-70	20	25 -70	1500	100
14014	TSKS 20/3-150	20	70-150	1500	120
14015	TSKS 20/3-240	20	95-240	1500	130
Code No.	Type of product	Voltage level (kV)	Conductor cross- section (mm^2)	Length of joint (mm)	Max. Diameter (mm)

* Ukoliko su potrebne spojnice sa nastavnim čaurama u kompletima, potrebno je napomenuti u zahtevu (»tip proizvoda» sa čaurama).
* If connectors with joint kit are required, it is necessary to mention in the request.

SREDNJENAPONSKI TOPLOSKUPLJAJUĆI KABLOVSKI PRIBOR

TOPLOSKUPLJAJUĆE KABLOVSKE SPOJNICE ZA SLABO IZOLOVANE PROVODNIKE (SIP) 10, 20 I 35kV

MEDIUM VOLTAGE HEAT-SHRINKABLE CABLE ACCESSORIES

HEAT-SHRINKABLE CABLE JOINTS FOHR LOW INSULATED CONDUCTOR (LIC) 10, 20 AND 35 kV

Namena:

Ove spojnice su namenjene za spajanje slabo izolovanih provodnika (SIP), čiji su provodnici izrađeni od Al-če užadi za naponski nivo 10, 20 i 35 kV.

Konstrukcija:

U kompletu spojnice dolaze dve kompresione čaure, jedna je čelična za unutrašnji noseći deo užeta a druga je aluminijumska koja se postavlja preko celog užeta.

Vodonepropustnost se postiže korišćenjem toploskupljajuće cevi oslojene lepkom.

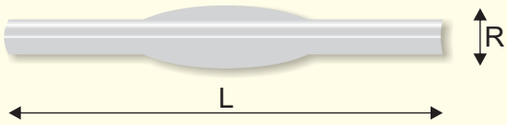
Purpose:

These heat-shrinkable cable joints are designed for connecting low insulating conductors (LIC), whose conductors are made of Al-st ropes for voltages 10, 20 and 35 kV

Construction:

Set includes two compression connectors, one connector for carrying part of rope is made of steel and the other connector is made of aluminum, which is placed over the rope.

Water resistance is realized by heat-shrinkable tubes with hot melting adhesive.



Kodni broj	Tip proizvoda	Naponski nivo (kV)	Presek provodnika (mm^2)	Dužina spojnice L (mm)	Maks. prečnik spojnice R (mm)
4048	**TSKS sip 50/8**	**10/20/35**	**50**	**600**	**21**
4049	**TSKS sip 70/12**	**10/20/35**	**70**	**600**	**25**
4050	**TSKS sip 95/15**	**10/20/35**	**95**	**650**	**28**
Code No.	Type of product	Voltage level (kV)	Conductor cross- section (mm^2)	Length of joint (mm)	Max. Diameter (mm)

TOPLOSKUPLJAJUĆE KABLOVSKE SPOJNICE ZA FLEKSIBILNE GUMENE KABLOVE NAPONA 6kV

HEAT–SHRINKABLE CABLE JOINTS FOR FLEXIBLE RUBBER CABLES 6 KV

Namena:

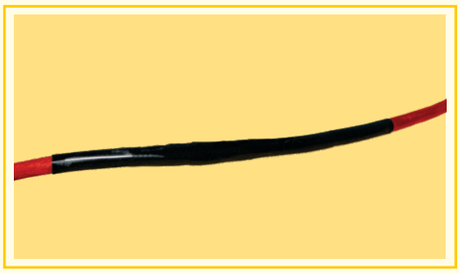
Ove spojnice su namenjene za spajanje trožilnih fleksibilnih gumenih kablova tipa Epn-78 napona 6 kV i kablova slične konstrukcije.

Konstrukcija:

Spajanje faznih provodnika i uzemljenja se vrši presovanjem spojnih čaura, regulacija el. polja se vrši pomoću elemenata za regulaciju el. polja, izolovanje spojeva se vrši primenom visokonaponskih izolacionih fleksibilnih traka, spajanje ekrana se vrši primenom poluprovodnih traka dok se vodonepropustljivost i mehanička zaštita postiže se primenom plaštevske toploskupljajuće cevi oslojene lepkom.

Purpose:

These heat shrinkable terminations are designed to be applied to three-core flexible rubber cables types Epn 78, 6kV and cables of similar construction.



Kodni broj	Tip proizvoda	Naponski nivo (kV)	Presek provodnika (mm^2)	Dužina spojnice L (mm)	Maks. prečnik spojnice R (mm)
14054	**TSKS flex 6/3-70**	**6**	**25 - 70**	**1000**	**80**
14055	**TSKS flex 6/3-150**	**6**	**95 - 150**	**1200**	**95**
Code No.	Type of product	Voltage level (kV)	Conductor cross- section (mm^2)	Length of joint (mm)	Max. Diameter (mm)

* Ukoliko su potrebne spojnice sa nastavnim čaurama u kompletima, potrebno je napomenuti u zahtevu (»tip proizvoda» sa čaurama).

* If connectors with joint kit are required, it is necessary to mention in the request.

SREDNJENAPONSKI TOPLOSKUPLJAJUĆI KABLOVSKI PRIBOR

TOPLOSKUPLJAJUĆE KABLOVSKE ZAVRŠNICE ZA FLEKSIBILNE GUMENE KABLOVE NAPONA 6kV

MEDIUM VOLTAGE HEAT–SHRINKABLE CABLE ACCESSORIES

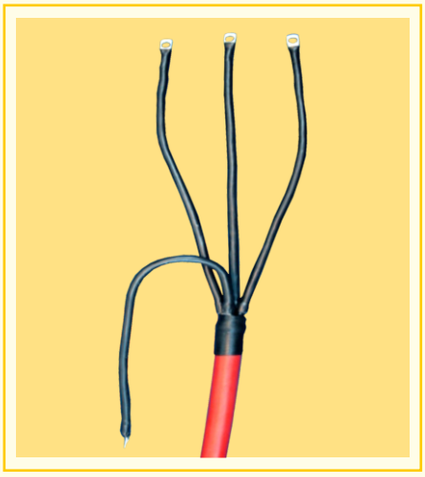
HEAT–SHRINKABLE CABLE TERMINATIONS FOR FLEXIBLE RUBBER CABLES 6 KV

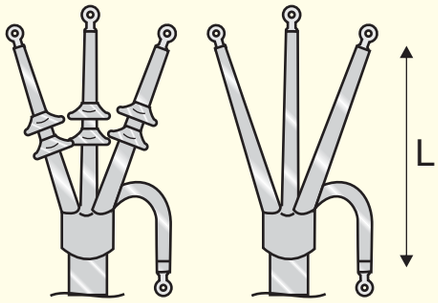
Namena:

Ove toploskupljajuće kablovske završnice su namenjene za završavanje trožilnih fleksibilnih kablova tipa Epn 78 i kablova slične konstrukcije napona 6 kV za spoljnu i unutrašnju montažu.

Konstrukcija:

Završetak fleksibilnih kablova se ostvaruje upotrebom četvoropolne t.s. račve i toploskupljajućih fleksibilnih cevi. Regulacija el. polja se vrši pomoću rezistivnih elemenata za regulaciju el. polja. Tri žile el. zaštite koje se nalaze unutar kabla se spajaju u jednu žilu koja se provlači kroz četvrti krak račve i na kraju se ispresuje papučica za uzemljenje. Zaštita od atmosferskih padavina se postiže upotrebom t.s. izolacionih šeširića.





Purpose:

These heat shrinkable terminations are designed to be applied to three-core flexible rubber cables types Epn 78 and cables of similar construction for indoor and outdoor application.

Construction:

Cable termination is realized by a 4-way breakout and heat-shrinkable flexible tubes. Electrical field regulation is realized by stress control elements. Three cores of electric cable protection are joined into one single core, which runs through the fourth branch of the breakout. At the end of the single-core a copper lug for grounding is placed. Protection from weather conditions is achieved by using heat-shrinkable sheds.

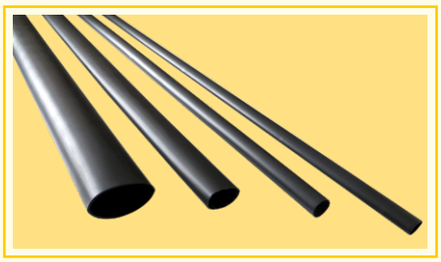
Kodni broj	Tip proizvoda	Naponski nivo (kV)	Presek provodnika (mm^2)	Dužina završnice L (mm)	Broj šeširića po žili
15049	**TSKZ/U flex 6/3-70**	**6**	**16-70**	**600-1200**	**-**
15050	**TSKZ/U flex 6/3-185**	**6**	**95-185**	**600-1200**	**-**
15051	**TSKZ/S flex 6/3-70**	**6**	**16-70**	**600-1200**	**2**
15052	**TSKZ/S flex 6/3-185**	**6**	**95-185**	**600-1200**	**2**
Code No.	Type of product	Voltage level (kV)	Conductor cross- section (mm^2)	Length of joint (mm)	Number of sheds on core

* Ukoliko su potrebne završnice sa papučicama u kompletima, potrebno je napomenuti u zahtevu («tip proizvoda» sa papučicama).

* If terminations with cable lugs are required, it is necessary to mention in the request

TOPLOSKUPLJAJUĆI KABLOVSKI PRIBOR
HEAT-SHRINKABLE CABLE ACCESSORIES

TOPLOSKUPLJAJUĆE CEVI SREDNJE DEBLJINE ZIDA SA TOPLJIVIM LEPKOM
MEDIUM WALL TUBING WITH HOT MELTING ADHESIVE



Kodni broj	Dimenzije	Isporučena (mm)	Nakon skupljanja d* (max)	Nakon skupljanja w* (min)	Standardna dužina (mm)
16001	8/2	8	2	1.6	1000
16002	12/3	12	3	2.0	1000
16003	16/5	16	5	2.2	1000
16004	22/6	22	6	2.4	1000
16005	28/6	28	6	2.5	1000
16006	33/8	33	8	2.5	1000
16007	40/12	40	12	2.5	1000
16008	55/16	55	16	3.3	1000
16009	65/19	65	19	3.3	1000
16010	75/22	75	22	3.5	1000
16011	85/25	85	25	3.5	1000
16012	95/25	95	25	3.5	1000
16013	115/34	115	34	3.5	1000
16014	140/42	140	42	3.5	1000
Code No.	Size	As Supplied (mm)	d* (max) After Recovery	w* (min) After Recovery	Standard length (mm)

Namena:

T.s cevi su nemenjene za zaptivanje i zaštitu el. spojeva, kablovskih završnica i spojnica gde je potrebna električna izolacija, UV zaštita i vodonepropustljivost. Odnos skupljanja od 3:1 omogućava lako uklapanje u nepravilne oblike i velike konektore.

Applications:

It is designed for applications to seal and protect electrical splices, cable terminatoins and joints where electrical insulation, UV and water proof. are required 3:1 shrink ratio allows it easily fit over irregular shape and large connectors.

TOPLOSKUPLJAJUĆE REPARATURNE MANŽETNE
HEAT–SHRINKABLE REPAIR SLEEVE

Kodni broj	Dimenzije	Isporučena (mm)	Nakon skupljanja d* (max)	Nakon skupljanja w* (min)	Standardna dužina (mm)
16015M	42/10	42	10	2.4	1000
16016M	55/16	55	16	2,5	1000
16017M	75/22	75	22	3.0	1000
16018	108/27	108	27	3.0	1000
6019M	146/30	146	30	3,4	1000
Code No.	Size	As Supplied (mm)	d* (max) After Recovery	w* (min) After Recovery	Standard length (mm)

Namena:

T.S. reperaturne manžetne su namenjene za popravku oštećenih kablova preko omotača i primenjuju se za različite vrste kablova 1-35 kV.

Applications:

It is designed for repairing damaged cable over sheaths on various types of cables