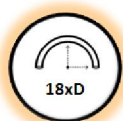
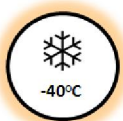
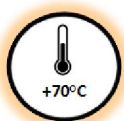
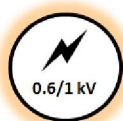


## TYIR



### Conductoare de aluminiu si otel-aluminiu, izolate in PVC, rasucite in fascicul (torsadate)

### Stranded PVC-insulated aluminum and steel-aluminum conductors



**Standard de fabricatie:** ST 125-2006; SR HD 626 S1

**Production standard:** ST 125-2006; SR HD 626 S1

**Tensiune nominala  $U_0/U$ :** 0.6/1 kV

**Tensiunea maxima  $U_M$ :** 1.2 kV

**Tensiune de incercare:** 4 kV ca, 5 min

**Rated voltage  $U_0/U$ :** 0,6/1 kV

**Max. operational voltage:** 1.2 kV

**Test voltage:** 4 kV(AC), 5 min.

#### Domeniul de utilizare

Sunt destinate realizarii retelelor electrice de distributie, cu tensiuni nominale de  $U_0/U$  0.6/1 kV

#### Applications

Power distribution networks with rated voltages up to  $U_0/U$  0,6/1 kV

**Temperatura minima de instalare pe cablu:** +5°C

**Temperatura in functionarea de durata:**

-40°C ÷ +70°C

**Temperatura maxima de scurt-circuit:** +160°C

**Min. temperature during cable laying:** +5°C

**Temperature in long-run operation:** -40°C ÷ +70°C

**Highest temperature during short-circuit:** +160°C

#### Conductor de faza

Conductor multifilar din aluminiu (rm)

#### Phase conductor

Concentrically stranded alluminium conductor (rm)

#### Conductor de nul din otel-aluminiu (rm)

#### Steel-aluminum null conductor (rm)

#### Izolatie

PVC, tip M40

#### Insulation

PVC, M40 type

#### Culoare izolatie

Neagra

#### Insulation color

Black

#### Marcaj

- Conductorul OL-Al se marcheaza cu 6 dungii in relief pe toata lungimea de fabricatie asociat cu marcajul ZERO.
- Conductoarele de faza ale retelei de distributie pentru abonatii casnici se marcheaza cu: UNU; DOI; TREI
- Conductoarele de iluminat public se marcheaza cu: IP1; IP2; IP3
- Conductoarele de bransament se marcheaza cu: B0; B1; B2; B3

#### Markings

- The steel – aluminum conductor will be marked with six protruding stripes running along the entire production length combined with the verbal marking ZERO.
- The phase conductors of the private subscriber distribution network will be marked ONE, TWO, THREE.
- The public lighting conductors will be marked IP1, IP2, IP3
- The connection conductors will be marked with B0; B1; B2; B3.

## TYIR



**Conductoare de aluminiu si otel–aluminiu,  
izolate in PVC, rasucite in fascicul  
(torsadate)**

**Stranded PVC-insulated aluminum and  
steel-aluminum conductors**

<b>Tip cablu</b> <i>Cable construction</i>	<b>Diam exterior inf</b> <i>Outer diameter inf</i>	<b>Masa cond. de aluminiu</b> <i>Alluminium cond. weight</i>	<b>Masa totala a cablului, Inf.</b> <i>Total cable weight</i>
	mm	kg/km	kg/km
TYIR 10 Al+16 Al	16.0	72	160
TYIR 16 Al+25 Al	19.0	115	224
TYIR 2x10 Al	14.4	56	138
TYIR 2x16 Al	17.4	88	195
TYIR 2x25 Al	20.0	141	250
TYIR 35OL-Al+3x35Al	26.8	378	730
TYIR 3x16+25Al	18.0	197	425
TYIR 3x25+16Al	21.0	256	493
TYIR 3x35Al	23.9	284	512
TYIR 4x10Al	17.4	108	282
TYIR 4x16Al	19.6	172	389
TYIR 5x16Al	22.0	207	483
TYIR 50 OL-Al+16 Al	22.3	178	390
TYIR 50 OL-Al+16 Al+16 Al	22.8	221	490
TYIR 50 OL-Al+25 Al	23.5	202	424
TYIR 50 OL-Al+25 Al+25 Al	24.2	270	558
TYIR 50 OL-Al+2x35+35 Al	35.8	418	807
TYIR 50 OL-Al+2x50 Al	37.8	405	761
TYIR 50 OL-Al+2x50 Al+35Al	36.0	499	932
TYIR 50 OL-AL+35Al+35Al	34.0	324	635
TYIR 50 OL-Al+3x16 Al	23.0	264	587
TYIR 50 OL-Al+3x16 Al+16Al	24.0	307	685
TYIR 50 OL-Al+3x16 Al+2x16Al	25.2	352	782
TYIR 50 OL-Al+3x16 Al+3x16A	26.0	395	880
TYIR 50 OL-Al+3x25 Al	31.2	338	690
TYIR 50 OL-Al+3x25 Al+16Al	29.0	381	787
TYIR 50 OL-Al+3x25 Al+2x16Al	29.0	424	885
TYIR 50 OL-Al+3x25 Al+3x16Al	33.2	467	983
TYIR 50 OL-Al+3x35 Al	35.8	418	806
TYIR 50 OL-Al+3x35 Al+16Al	33.0	461	900
TYIR 50 OL-Al+3x35 Al+2x16Al	33.0	504	1002
TYIR 50 OL-Al+3x35 Al+35Al	34.8	513	977
TYIR 50 OL-Al+3x35 Al+3x16Al	37.8	547	1090
TYIR 50 OL-Al+3x35 Al+3x25Al	37.8	620	1202

**TYIR**



**Conductoare de aluminiu si otel-aluminiu,  
izolate in PVC,rasucite in fascicul (torsadate)**

**Stranded PVC-insulated aluminum and  
steel-aluminum conductors**

<b>Tip cablu</b> <i>Cable construction</i>	<b>Diam exterior inf</b> <i>Outer diameter inf</i>  mm	<b>Masa cond. de aluminiu</b> <i>Alluminium cond. weight</i>  kg/km	<b>Masa totala a cablului, Inf.</b> <i>Total cable weight</i>  kg/km
TYIR 50 OL-Al+3x50 Al	37.8	540	994
TYIR 50 OL-Al+3x50 Al+16Al	37.8	583	1090
TYIR 50 OL-Al+3x50 Al+2x16Al	37.8	626	1190
TYIR 50 OL-Al+3x50 Al+35Al	38.3	635	1165
TYIR 50 OL-Al+3x50 Al+3x16Al	38.3	669	1287
TYIR 50 OL-Al+3x50 Al+3x25Al	40.0	742	1390
TYIR 50 OL-Al+3x50 Al+2x25Al	42.5	675	1240
TYIR 50 OL-Al+3x50 Al+3x35Al	42.5	823	1507
TYIR 50 OL-Al+3x70 Al	42.5	702	1211
TYIR 50 OL-Al+3x70 Al+16Al	42.5	745	1300
TYIR 50 OL-Al+3x70 Al+2x16Al	42.5	788	1400
TYIR 50 OL-Al+3x70 Al+2x25Al	42.5	837	1475
TYIR 50 OL-Al+3x70 Al+35Al	42.5	796	1382
TYIR 50 OL-Al+3x70 Al+3x16Al	42.5	831	1500
TYIR 50 OL-Al+3x70 Al+3x25Al	42.5	904	1607
TYIR 50 OL-Al+3x70 Al+3x35Al	42.5	985	1720
TYIR 50 OL-Al+3x95 Al	43.0	864	1426
TYIR 50 OL-Al+3x95 Al+2x16Al	44.0	990	1668
TYIR 50 OL-Al+3x95 Al+3x16Al	44.0	1033	1760
TYIR 50 OL-Al+3x95 Al+2x25Al	43.0	1030	1660
TYIR 50 OL-Al+50 Al	26.0	270	523
TYIR 50 OL-Al+50 Al+35Al	26.0	364	688
TYIR 50 OL-Al+35 Al	27.0	229	460
TYIR 50 OL-Al+35 Al+16Al	27.0	273	556
TYIR 50 OL-Al+70 Al	27.0	324	570