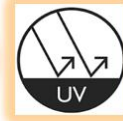
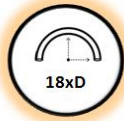
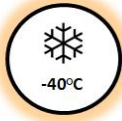
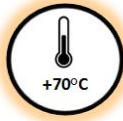


TYIR



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; 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

Domeniul de utilizare

Sunt destinate realizarii retelelor electrice de distributie, cu tensiuni nominale de 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

Conductor de faza

Conductor multifilar din aluminiu (rm)

Conductor de nul din otel-aluminiu (rm)

Izolatie

PVC, tip M40

Culoare izolatie

Neagra

Marcaj

- Conductorul purtator de OL-Al este marcat cu 6 dungi echidistante in relief pe toata lungimea de fabricatie asociat cu marcajul **PEN**.
- Conductoarele de faza ale retelei de distributie pentru abonatii casnici sunt marcate cu: L1; L2; L3
- Conductoarele de iluminat public sunt marcate cu: IP1; IP2; IP3
- Conductoarele de bransament sunt marcate cu: B0; B1; B2; B3

Production standard: ST 125; SR HD 626 S1

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

Max. operational voltage: 1.2 kV

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

Applications

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

Min. temperature during cable laying: +5°C

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

Highest temperature during short-circuit: +160°C

Phase conductor

Concentrically stranded alluminium conductor (rm)

Steel-aluminum null conductor (rm)

Insulation

PVC, M40 type

Insulation color

Black

Markings

- The steel – aluminum conductor will be marked with six protruding stripes running along the entire production length combined with the verbal marking **PEN**.
- The phase conductors of the private subscriber distribution network will be marked L1, L2, L3.
- 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**

Tip cablu <i>Cable construction</i>	Diam exterior inf <i>Outer diameter inf</i> mm	Masa cond. de aluminiu <i>Alluminium cond. weight</i> kg/km	Masa totala a cablului, Inf. <i>Total cable weight</i> kg/km
TYIR 10 Al+16 Al	12.6	67	130
TYIR 16 Al+25 Al	15.4	107	190
TYIR 2x10 Al	11.7	51	106
TYIR 2x16 Al	13.5	84	155
TYIR 2x25 Al	17.4	131	231
TYIR 35OL-Al+3x35Al	24.1	375	656
TYIR 3x16+25Al	17.3	192	347
TYIR 3x25+16Al	19.8	256	493
TYIR 3x35Al	20.8	279	450
TYIR 4x10Al	14.1	102	211
TYIR 4x16Al	16.3	169	309
TYIR 5x16Al	18.2	208	371
TYIR 50 OL-Al+16 Al	18.8	174	353
TYIR 50 OL-Al+16 Al+16 Al	18.8	216	427
TYIR 50 OL-Al+25 Al	20.8	198	394
TYIR 50 OL-Al+25 Al+25 Al	20.8	263	509
TYIR 50 OL-Al+2x35+35 Al	24.8	418	807
TYIR 50 OL-Al+2x50 Al	23.5	412	726
TYIR 50 OL-Al+2x50 Al+35Al	26.5	474	807
TYIR 50 OL-AL+35Al+35Al	21.8	319	579
TYIR 50 OL-Al+3x16 Al	19.4	258	502
TYIR 50 OL-Al+3x16 Al+16Al	20.2	300	576
TYIR 50 OL-Al+3x16 Al+2x16Al	25.2	341	650
TYIR 50 OL-Al+3x16 Al+3x16A	25.6	383	725
TYIR 50 OL-Al+3x25 Al	21.0	329	625
TYIR 50 OL-Al+3x25 Al+16Al	21.2	371	699
TYIR 50 OL-Al+3x25 Al+2x16Al	27.0	424	885
TYIR 50 OL-Al+3x25 Al+3x16Al	27.5	467	983
TYIR 50 OL-Al+3x35 Al	24.8	412	729
TYIR 50 OL-Al+3x35 Al+16Al	26.0	454	803
TYIR 50 OL-Al+3x35 Al+2x16Al	33.0	496	877
TYIR 50 OL-Al+3x35 Al+35Al	34.8	505	875
TYIR 50 OL-Al+3x35 Al+3x16Al	37.8	538	951

TYIR



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

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

Tip cablu <i>Cable construction</i>	Diam exterior inf <i>Outer diameter inf</i>	Masa cond. de aluminiu <i>Alluminium cond. weight</i>	Masa totala a cablului, Inf. <i>Total cable weight</i>
	mm	kg/km	kg/km
TYIR 50 OL-AI+3x35 AI+3x25AI	37.8	609	1075
TYIR 50 OL-AI+3x50 AI	37.8	505	846
TYIR 50 OL-AI+3x50 AI+16AI	37.8	547	921
TYIR 50 OL-AI+3x50 AI+2x16AI	37.8	587	993
TYIR 50 OL-AI+3x50 AI+35AI	38.3	599	996
TYIR 50 OL-AI+3x50 AI+3x16AI	38.3	632	1079
TYIR 50 OL-AI+3x50 AI+3x25AI	40.0	702	1193
TYIR 50 OL-AI+3x50 AI+2x25AI	42.5	637	1077
TYIR 50 OL-AI+3x50 AI+3x35AI	42.5	785	1296
TYIR 50 OL-AI+3x70 AI	42.5	668	1079
TYIR 50 OL-AI+3x70 AI+16AI	42.5	709	1153
YIR 50 OL-AI+3x70 AI+2x16AI	42.5	751	1227
TYIR 50 OL-AI+3x70 AI+2x25AI	42.5	799	1309
TYIR 50 OL-AI+3x70 AI+35AI	42.5	761	1229
TYIR 50 OL-AI+3x70 AI+3x16AI	42.5	793	1302
TYIR 50 OL-AI+3x70 AI+3x25AI	42.5	864	1425
TYIR 50 OL-AI+3x70 AI+3x35AI	42.5	948	1528
TYIR 50 OL-AI+3x95 AI	43.0	863	1357
TYIR 50 OL-AI+3x95 AI+2x16AI	44.0	946	1505
TYIR 50 OL-AI+3x95 AI+3x16AI	44.0	987	1579
TYIR 50 OL-AI+3x95 AI+2x25AI	43.0	995	1588
TYIR 50 OL-AI+50 AI	26.0	257	468
TYIR 50 OL-AI+50 AI+35AI	26.0	350	618
TYIR 50 OL-AI+35 AI	27.0	225	429
TYIR 50 OL-AI+35 AI+16AI	27.0	268	506
TYIR 50 OL-AI+70 AI	27.0	311	545