

TYIR 0.6/1kV

Twisted aluminium conductors, insulated with PVC



Application

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

Construction

1. Aluminium conductor RE or RM according to SR EN 60228
2. PVC

Standards and Certifications

ÖVE / ÖNORM E8200-626
 HD 626 S1

Technical Data

Nominal voltage	[V]	600/1000 V
Test voltage	[V]AC	3500
Temperature range	in motion ° C	-30° C till +70° C
Short circuit time	max. [sec]	5
Bending radius	in motion x diameter	18

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Number of cores x Cross - section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]
TYIR 10+16	16	161
TYIR 16+25	18	221
TYIR 2+10	14	133
TYIR 2+16	17	189
TYIR 2+25	19	253
TYIR 3x16 + 25	17	410
TYIR 3x25 + 16	20	473
TYIR 3x35	23	486
TYIR 4x10	17	712
TYIR 4x16	20	378
TYIR 50OL-AL 1x16	20	363
TYIR 50OL-AL 2x16	21	446
TYIR 50OL-AL 3x16	21	529
TYIR 50OL-AL 4x16	26	617
TYIR 50OL-AL 1x25	22	402
TYIR 50OL-AL 2x25	23	529
TYIR 50OL-AL 3x25	24	662
TYIR 50OL-AL 1x35	23	441
TYIR 50OL-AL 2x35	24	603
TYIR 50OL-AL 3x35	26	764
TYIR 50OL-AL 1x50	24	490
TYIR 50OL-AL 2x50	26	706
TYIR 50OL-AL 3x50	29	921
TYIR 50OL-AL 1x70	26	559
TYIR 50OL-AL 2x70	27	838
TYIR 50OL-AL 3x70	32	1117
TYIR 50OL-AL 3x95	37	1450
TYIR 50OL-AL 3x16 + 2x16	16	701
TYIR 50OL-AL 3x16 + 3x16	16	789
TYIR 50OL-AL 1x25 + 1x16	22	490
TYIR 50OL-AL 1x25 + 3x16	22	662

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Number of cores x Cross - section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]
TYIR 50OL-AL 3x25 + 1x16	25	745
TYIR 50OL-AL 3x25 + 2x16	25	833
TYIR 50OL-AL 3x25 + 3x16	25	916
TYIR 50OL-AL 3x25 + 2x25	25	916
TYIR 50OL-AL 1x35 + 1x16	23	524
TYIR 50OL-AL 1x35 + 1x25	23	568
TYIR 50OL-AL 2x35 + 2x16	24	686
TYIR 50OL-AL 3x35 + 1x16	29	853
TYIR 50OL-AL 1x50 + 1x16	24	578
TYIR 50OL-AL 1x50 + 1x35	24	657
TYIR 50OL-AL 2x50 + 1x35	26	872
TYIR 50OL-AL 3x50 + 1x16	33	1009
TYIR 50OL-AL 3x70 + 1x16	37	1205
TYIR 50OL-AL 3x35 + 2x16	29	936
TYIR 50OL-AL 3x35 + 1x25	29	892
TYIR 50OL-AL 3x35 + 3x25	29	1152
TYIR 50OL-AL 3x35 + 3x16	29	1024
TYIR 50OL-AL 3x35 + 1x35	29	931
TYIR 50OL-AL 3x50 + 2x16	33	1098
TYIR 50OL-AL 3x70 + 2x16	37	1289
TYIR 50OL-AL 3x50 + 3x16	33	1181
TYIR 50OL-AL 3x50 + 1x25	33	1054
TYIR 50OL-AL 3x50 + 2x25	33	1181
TYIR 50OL-AL 3x50 + 3x25	33	1308
TYIR 50OL-AL 3x50 + 1x35	33	1088
TYIR 50OL-AL 3x50 + 3x50	33	1573
TYIR 50OL-AL 3x70 + 3x16	37	1372
TYIR 50OL-AL 3x70 + 1x25	37	1245
TYIR 50OL-AL 3x70 + 2x25	168	1372
TYIR 50OL-AL 3x70 + 3x25	168	1504
TYIR 50OL-AL 3x50 + 3x35	136	1411

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Number of cores x Cross - section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]
TYIR 50OL-AL 3x70 + 1x35	168	1279
TYIR 50OL-AL 3x70 + 2x35	168	1446
TYIR 50OL-AL 3x70 + 3x35	168	1607
TYIR 50OL-AL 3x70 + 3x50	168	1764
TYIR 50OL-AL 3x95 + 2x16	204	1534
TYIR 50OL-AL 3x95 + 2x25	204	1705
TYIR 50OL-AL 3x95 + 3x25	204	1833
TYIR 50OL-AL 3x95 + 2x35	204	1774
TYIR 50OL-AL 3x95 + 3x35	204	1936
TYIR 50OL-AL 3x95 + 1x50	204	1666

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