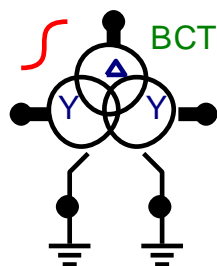


ENERGIZACIÓN CON FLUJO REMANENTE



BCTran: toshiba21

Structure

Number of phases

Number of windings

Type of core

Test frequency [Hz]

☒ AR Output ☐ Auto-add nonlinearities

Ratings

	HV	LV	TV
L-L voltage [kV]	<input type="text" value="150"/>	<input type="text" value="31.5"/>	<input type="text" value="6.9"/>
Power [MVA]	<input type="text" value="40"/>	<input type="text" value="40"/>	<input type="text" value="13.3"/>
Connections	<input type="text" value="Y"/>	<input type="text" value="Y"/>	<input type="text" value="D"/>
Phase shift [deg]		<input type="text" value="0"/>	<input type="text" value="150"/>
		<input type="checkbox"/> Ext. neutral connections	

Factory tests

Open circuit

Performed at Connect at ☐ Zero sequence data available

positive sequence

Volt (%)	Curr (%)	Loss (kW)
90	0.22	0
100	0.38	26.3
110	0.93	0

Positive core magnetization

☐ Linear internal ☒ External Lm ☐ External Lm || Rm

View/Copy

☐ Rm ☐ Lm-rms ☒ Lm-flux

Order:

Label:

☐ Hide

Comment:

OK

Cancel

Import

Export

Run ATP

View +

Copy +

Edit defin.

Help

BCTRAN: toshiba21

Structure

Number of phases

3

Number of windings

3

Type of core

Other

Test frequency [Hz]

50

☒ AR Output
☐ Auto-add nonlinearities

Ratings

	HV	LV	TV
L-L voltage [kV]	150	31.5	6.9
Power [MVA]	40	40	13.3
Connections	Y	Y	D
Phase shift [deg]		0	150

☐ Ext. neutral connections

Factory tests

Open circuit

Short circuit

Performed at

LV

Connect at

LV

☐ Zero sequence data available

positive sequence

Volt (%)	Curr (%)	Loss (kW)
90	0.22	0
100	0.38	26.3
110	0.93	0

Positive core magnetization

☐ Linear internal
☒ External Lm
☐ External Lm || Rm

View/Copy

☐ Rm
☐ Lm-rms
☒ Lm-flux

Order:

0

Label:
☐ Hide

Comment:

OK

Cancel

Import

Export

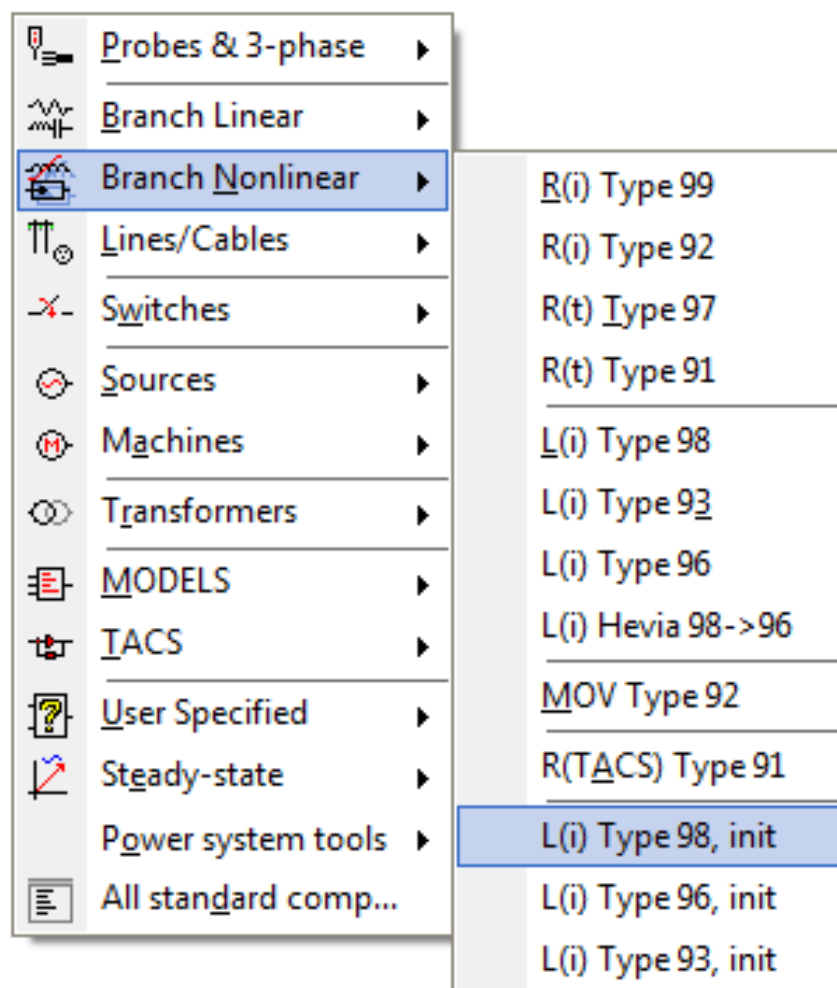
Run ATP

View +

Copy +

Edit defin.

Help



TACS: NLIN98_I



Attributes

Characteristic

L(i)

I [A]	Fluxlinked [Wb-T]
2.2810063213	73.681347717
5.5896704554	81.86816413
15.56814785	90.054980542
21.608909488	98.241796955
1906.6157612	114.61542978

Add

Delete

Sort



Move



External characteristic

Data source:

Edit...

☐ Include characteristic

Save...

Copy

Paste

View

Edit definitions

OK

Cancel

Help

TACS: NLIN98_I



Attributes

Characteristic

DATA	UNIT	VALUE
CURR	Amps	<input type="text" value="0"/>
FLUX	Vs	0
FL(0)	Vs	74



NODE	PHASE	NAME
From	A	X0001
Dummy	1	IX0002
To	1	



Copy



Paste



Reset

Order:

Label:

Comment:

Output

0 - No



Fluxlinked



Hide

Edit definitions

OK

Cancel

Help

