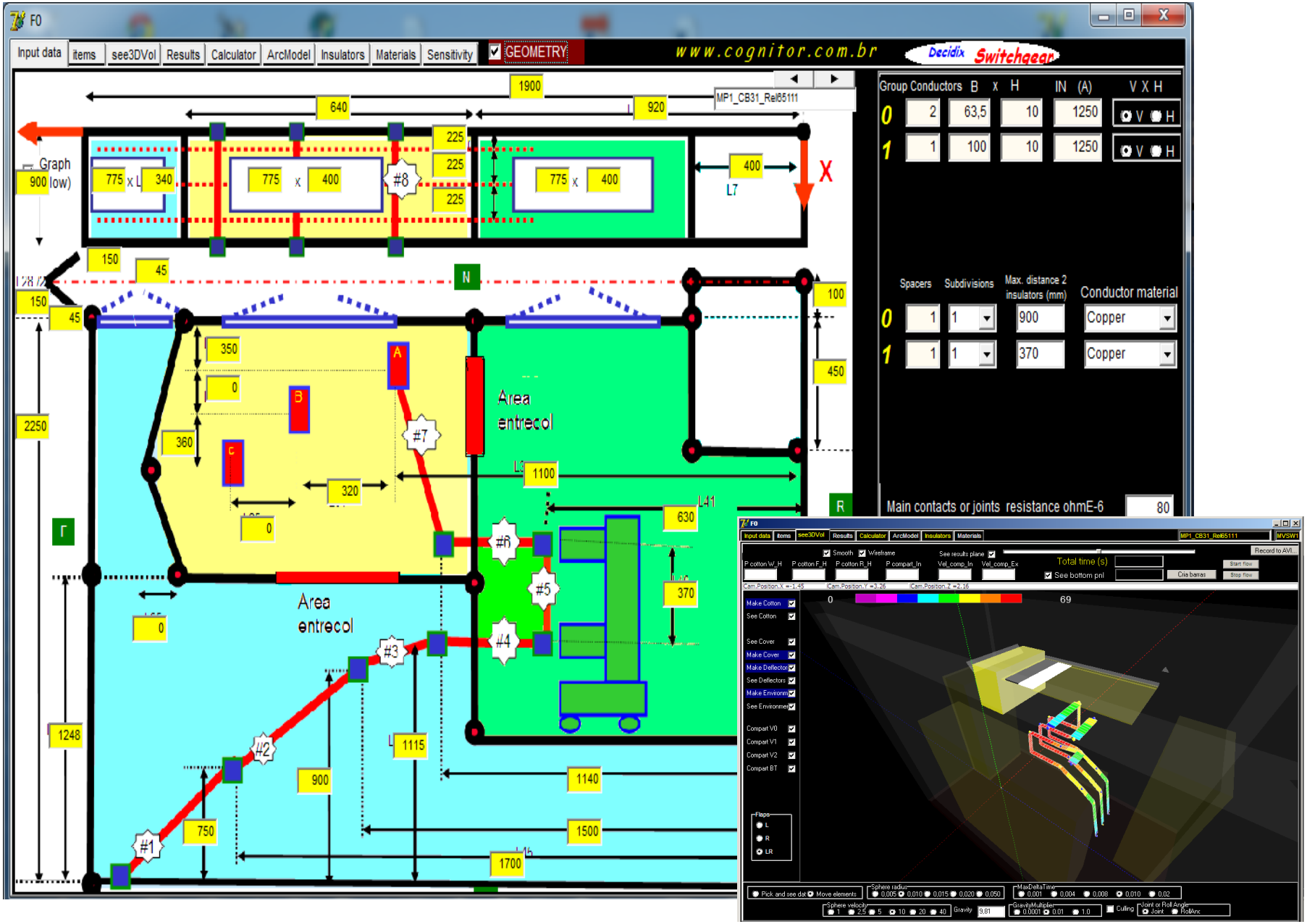
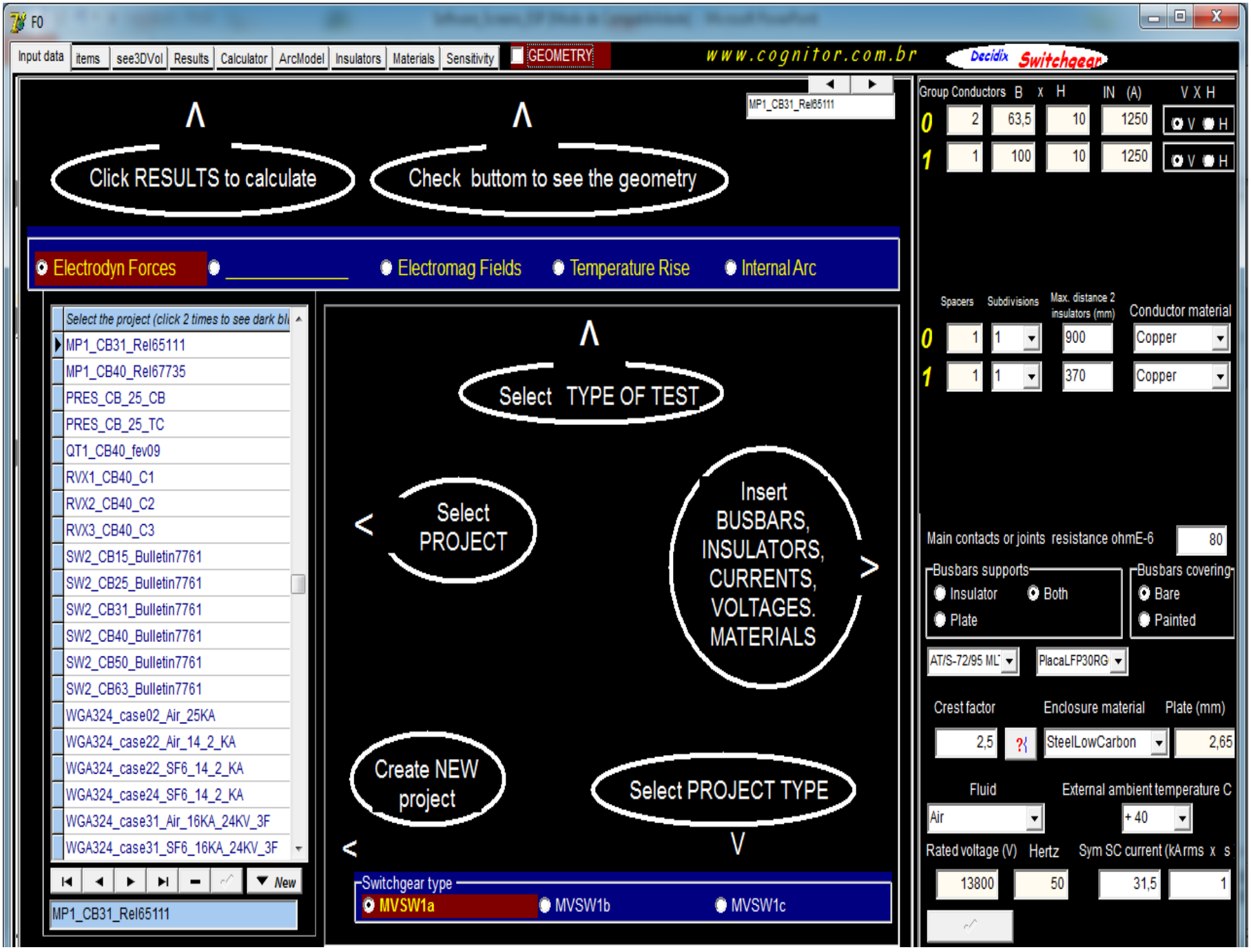
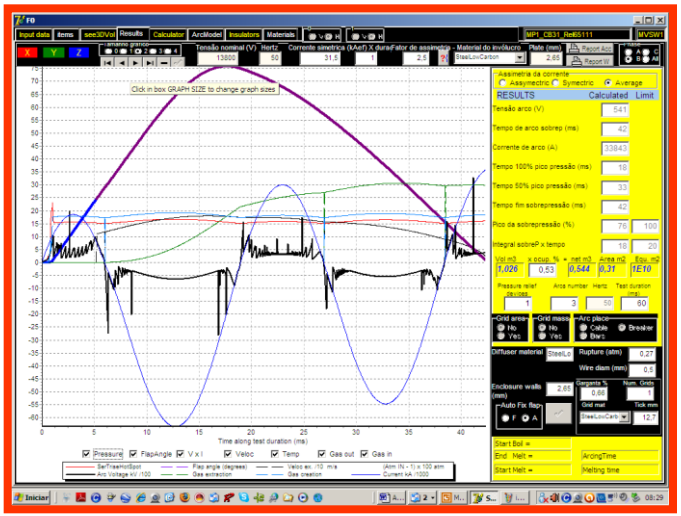
PAINEIS DE MEDIA TENSÃO



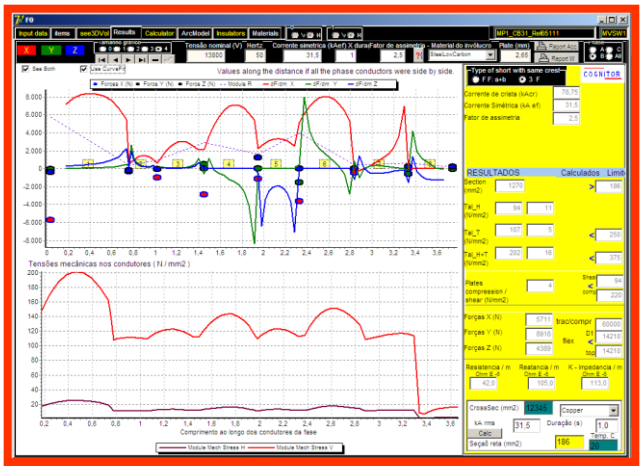

F0
Input data
items
see3DVol
Results
Calculator
ArcModel
Insulators
Materials
Sensitivity
GEOMETRY
www.cognitor.com.br
Decidix Switchgear
MP1_CB31_Rel65111
Click RESULTS to calculate
Check buttom to see the geometry
Group Conductors B x H IN (A) V X H
0 2 63,5 10 1250 V H
1 1 100 10 1250 V H
Electrodyn Forces
Electromag Fields
Temperature Rise
Internal Arc
Spacers Subdivisions Max. distance 2 insulators (mm) Conductor material
0 1 1 900 Copper
1 1 1 370 Copper
Select the project (click 2 times to see dark bl
MP1_CB31_Rel65111
MP1_CB40_Rel67735
PRES_CB_25_CB
PRES_CB_25_TC
QT1_CB40_fev09
RVX1_CB40_C1
RVX2_CB40_C2
RVX3_CB40_C3
SW2_CB15_Bulletin7761
SW2_CB25_Bulletin7761
SW2_CB31_Bulletin7761
SW2_CB40_Bulletin7761
SW2_CB50_Bulletin7761
SW2_CB63_Bulletin7761
WGA324_case02_Air_25KA
WGA324_case22_Air_14_2_KA
WGA324_case22_SF6_14_2_KA
WGA324_case24_SF6_14_2_KA
WGA324_case31_Air_16KA_24KV_3F
WGA324_case31_SF6_16KA_24KV_3F
New
MP1_CB31_Rel65111
Select TYPE OF TEST
Select PROJECT
Insert BUSBARS, INSULATORS, CURRENTS, VOLTAGES. MATERIALS
Create NEW project
Select PROJECT TYPE
Switchgear type
MVSW1a
MVSW1b
MVSW1c
Main contacts or joints resistance ohmE-6 80
Busbars supports
Insulator
Both
Plate
Busbars covering
Bare
Painted
AT/S-72/95 ML
PlacaLFP30RG
Crest factor
Enclosure material
Plate (mm)
2,5
SteelLowCarbon
2,65
Fluid
External ambient temperature C
Air
+ 40
Rated voltage (V)
Hertz
Sym SC current (kArms x s
13800
50
31,5
1

TESTES SIMULADOS

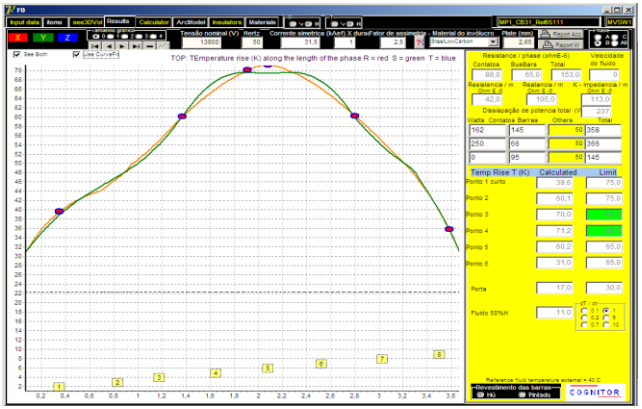
Arco interno



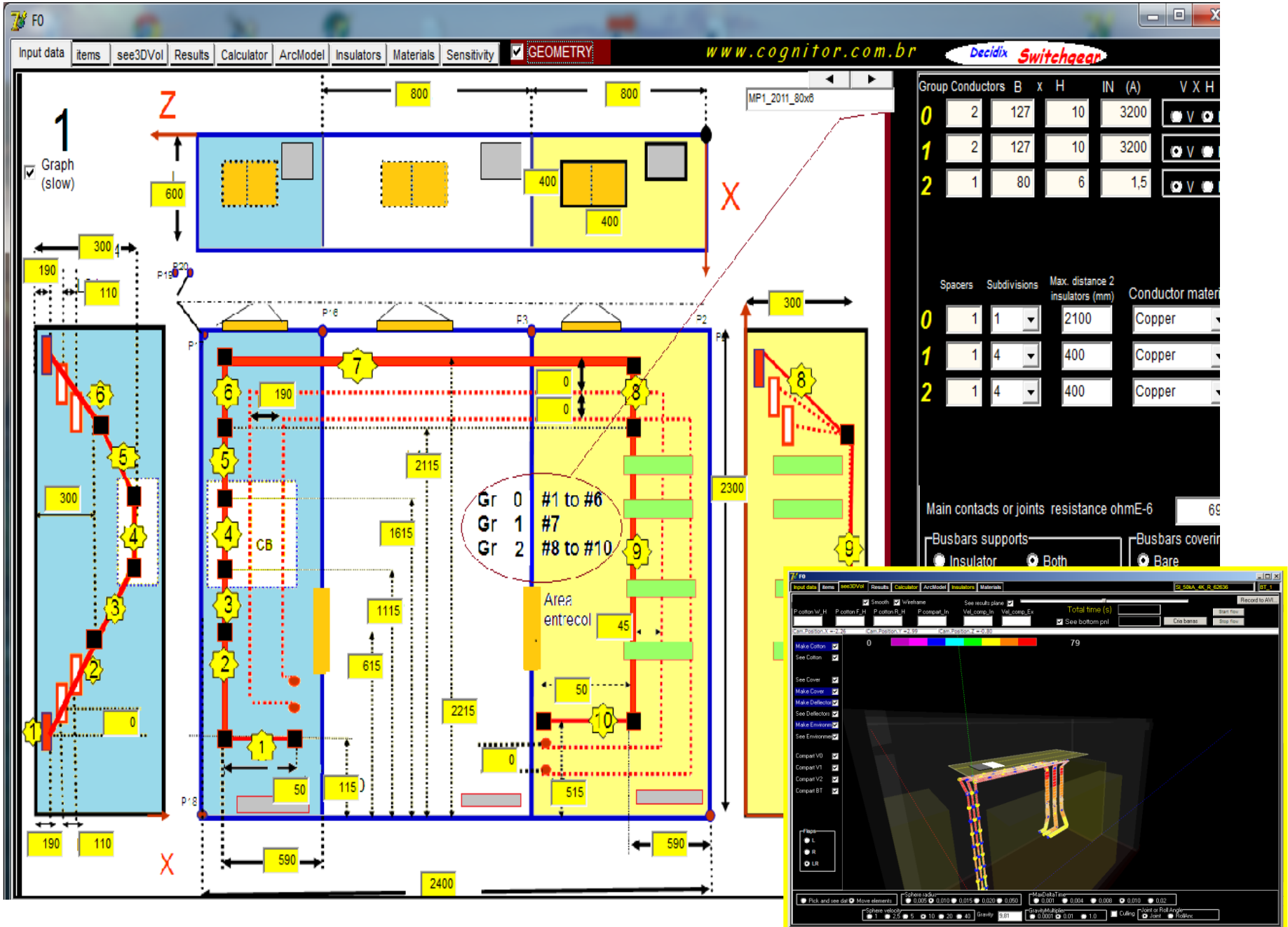
Forças electrodinâmicas



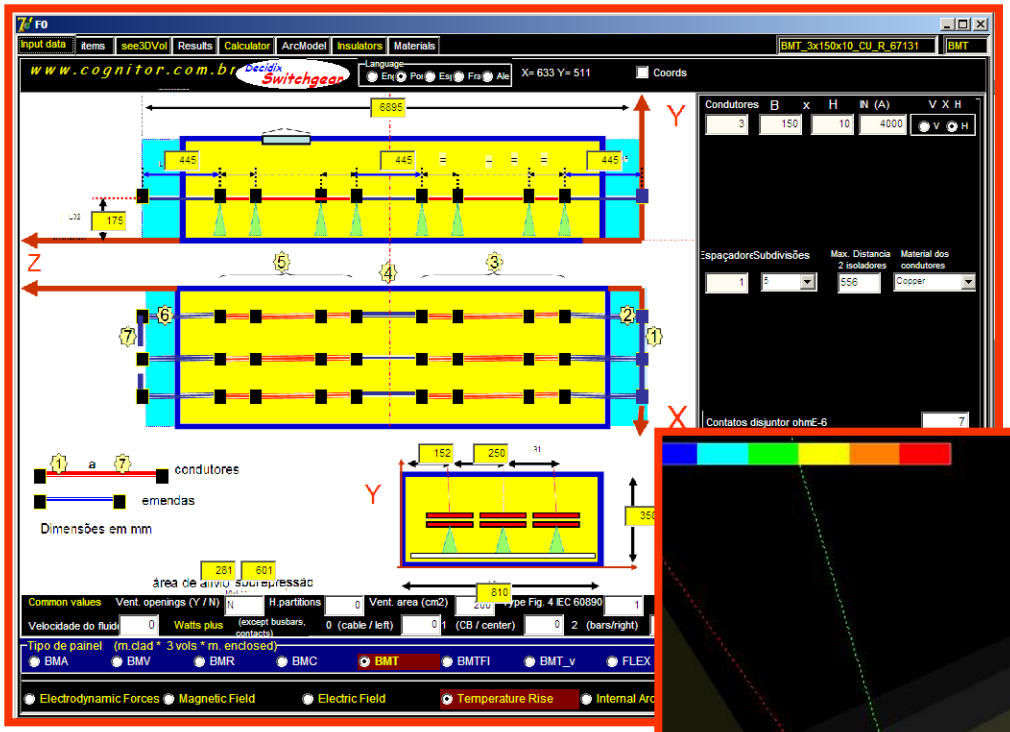
Elevação de temperatura

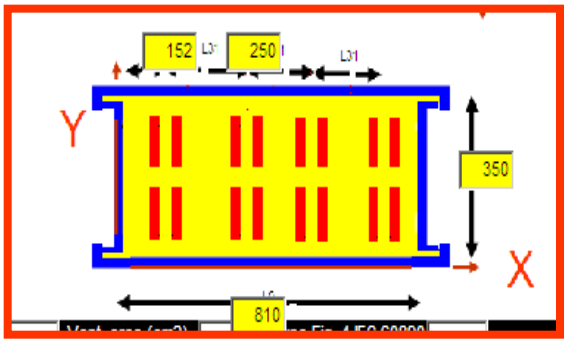


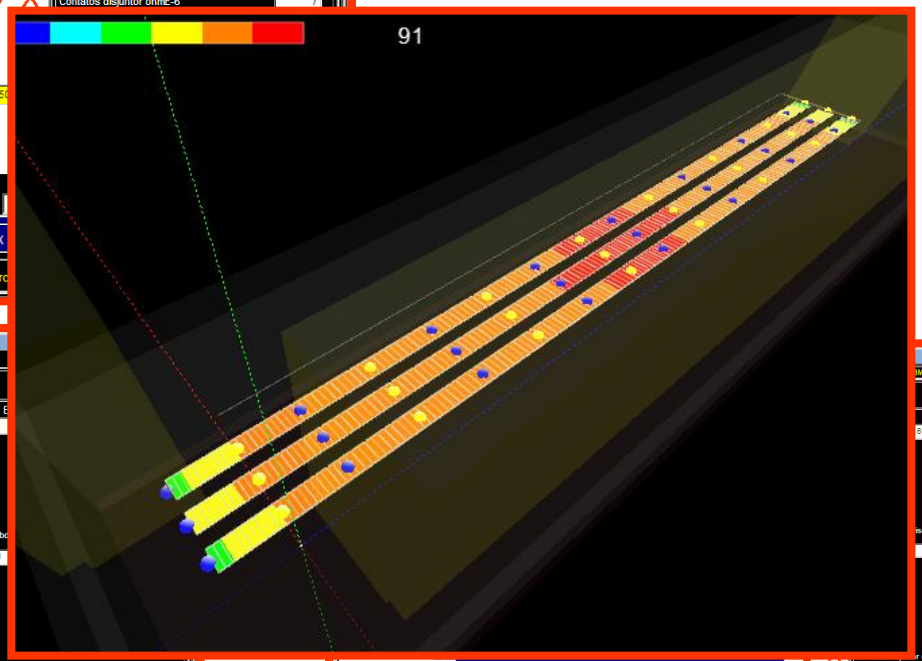
PAINEIS DE BAIXA TENSÃO

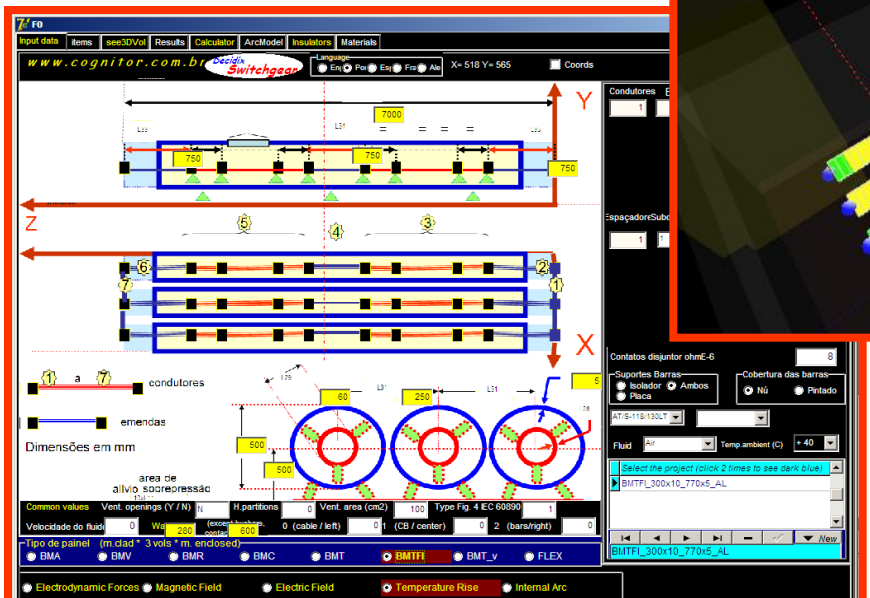


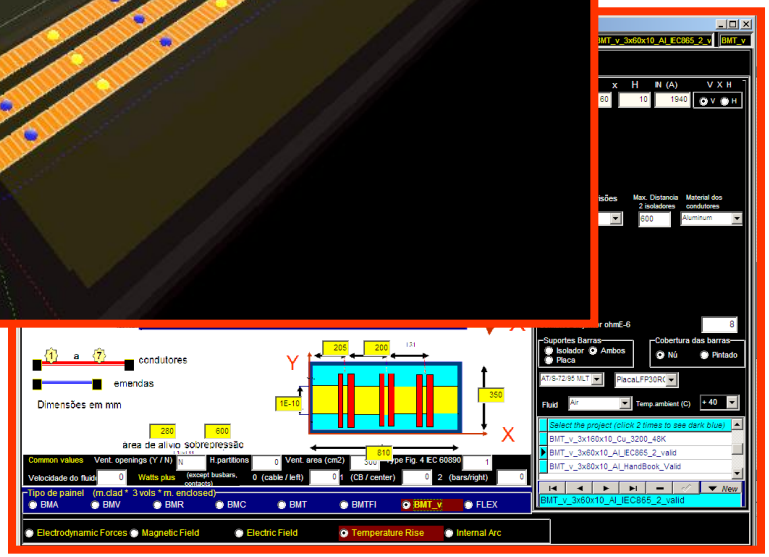
BARRAMENTOS



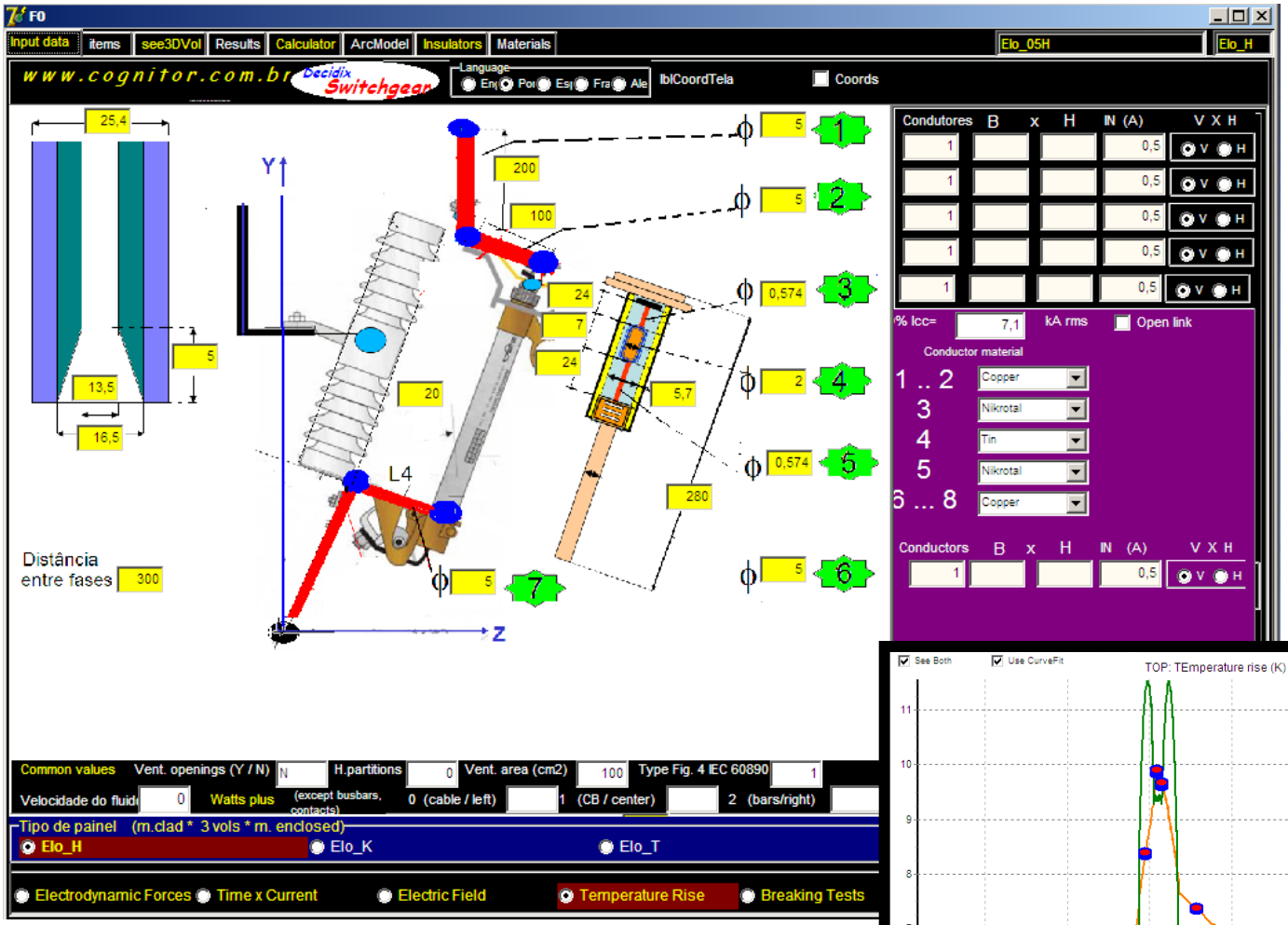


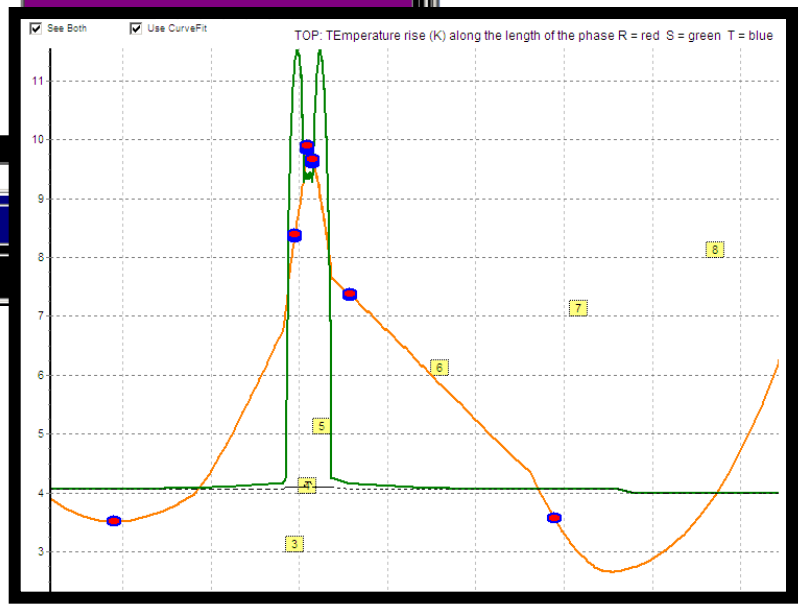




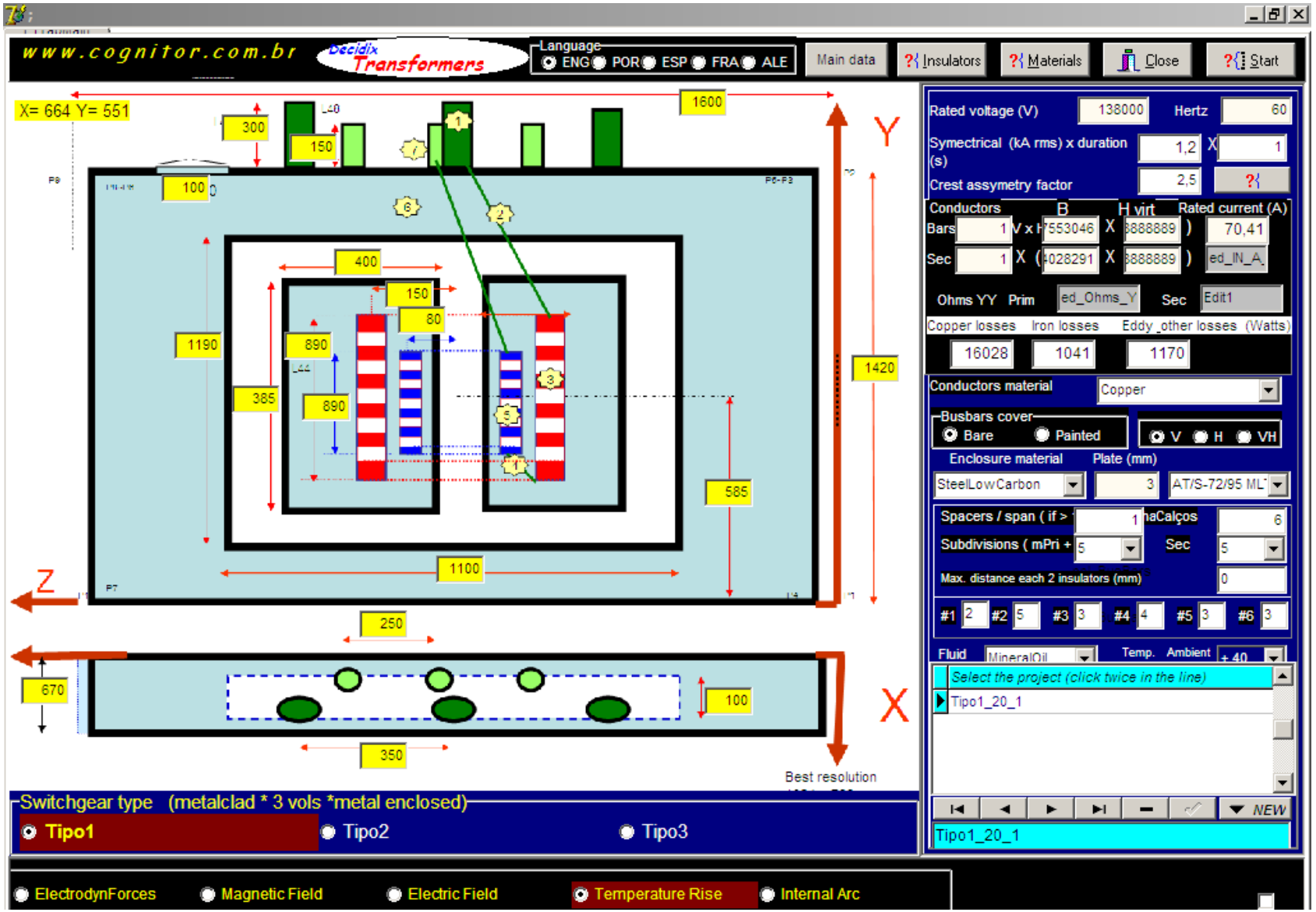


FUSÍVEIS TIPO EXPULSÃO

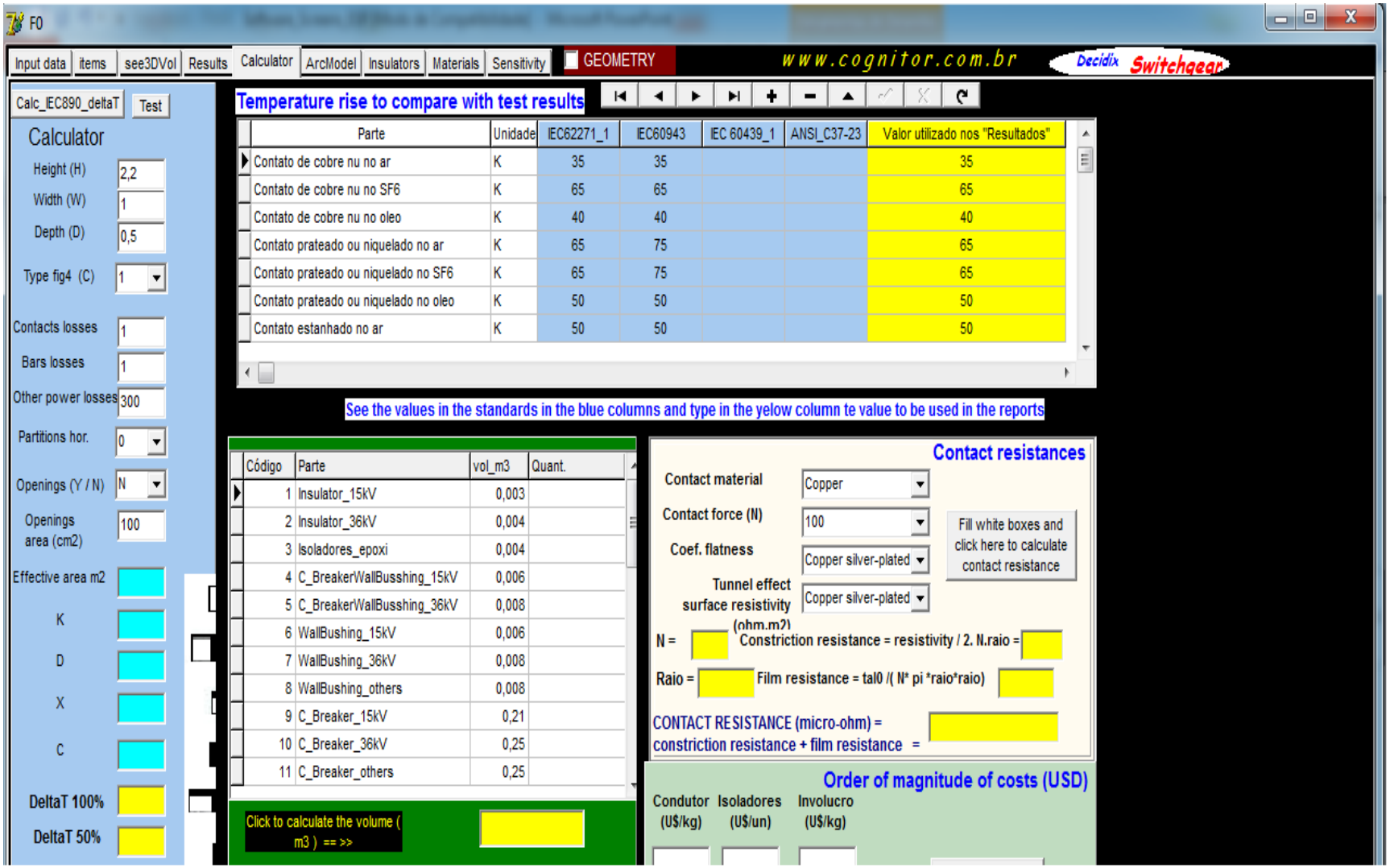




TRANSFORMADORES DE POTENCIA



OUTROS CÁLCULOS E DADOS



SELEÇÃO DE ISOLADORES

F0

Input data | items | see3DVol | Results | Calculator | ArcModel | Insulators | Materials | Sensitivity

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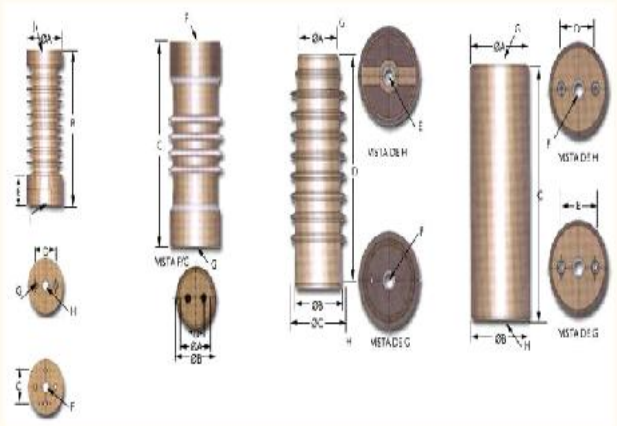
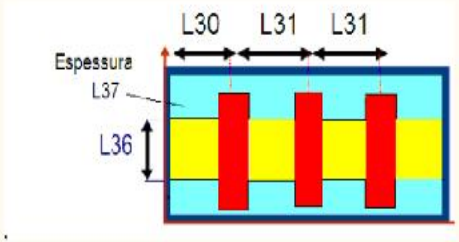
Referência: AT/CS-70/175 MAL

ID	21
Tensão nominal (V)	17,5
Tensão suportavel f.i.	38
Dimensão A (mm)	55
Dimensão B (mm)	70
Dimensão C (mm)	80
Dimensão D (mm)	175
Dimensão E (mm)	
Numero de saias	7
Distancia de escoamento (mm)	244
RoscaTipo (F)	M12
Profundidade da rosca (mm)	15
RoscaTipo (G)	
Profundidade da rosca (mm)	
RoscaTipo (H)	
Profundidade da rosca (mm)	
Peso (kg)	1,12
Resistencia à flexão na altura D1 (N para isoladores)	7500
Distancia D1 acima do topo do isolador onde a força é aplicada (mm)	40
Resistencia à flexão corrigida ao topo do isolador(N)	11250
Resistencia à tração (N)	20000
Resistencia à compressão (N)	60000





SELEÇÃO DE MATERIAIS