Proposed Changes to 61968/61970 TransformerTank, TransformerTankInfo

From the Device Datasheet Breakout Group

19 January, 2022

Changes to UML classes, attributes, and associations

61968/61970 changes

Add association TransformerTank.TransformerTankInfo*, ensuring that the association source is TransformerTankInfo and the target is TransformerTank since the association ‘spans’ the 61968/61970 package divide*



Changes to UML descriptions

*Associations*

## TransformerTank to TransformerTankInfo association

SOURCE TransformerTank

Role: TransformerTank

Transformer tank described by this tank information.

Multiplicity: [0..\*]

TARGET TransformerTankInfo

Role: TransformerTankInfo

Transformer tank information for this transformer tank.

Multiplicity: [0..1]

*Classes and Attributes*

## TransformerEnd

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| ATTRIBUTES |
|  grounded : Boolean PublicMultiplicity: [0..1]Was: (for Yn and Zn connections) True if the neutral is solidly grounded.Proposed: (for Yn and Zn connections) True if the neutral is grounded. |
|  rground : Resistance PublicMultiplicity: [0..1]Was: (for Yn and Zn connections) Resistance part of neutral impedance where 'grounded' is true.Proposed: (for Yn and Zn connections) Resistance part of neutral impedance where 'grounded' is true. Zero indicates solidly grounded or grounded through a reactor. Required if grounded=TRUE. Attribute should not exist if grounded=FALSE. |
|  xground : Reactance PublicMultiplicity: [0..1]Was: (for Yn and Zn connections) Reactive part of neutral impedance where 'grounded' is true.Proposed: (for Yn and Zn connections) Reactive part of neutral impedance where 'grounded' is true. Zero indicates solidly grounded or grounded through a resistor. Required if grounded=TRUE. Attribute should not exist if grounded=FALSE. |