UserDefinedModels::VSCUserDefined

+   proprietary: Boolean [0..1]

HVDCDynamics
HVDCDynamics::VSCDynamics

VSCtype1

Additional attributes to be added
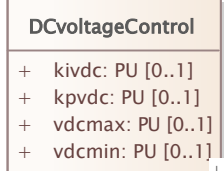Fix the description of the associations

+DCvoltageControl
1
«informative»

+VSCtype1   0..1   +VS(0..1 C·+VSCtype1..1 C0+VSCtype11   0..1
+VSCtype1

DCvoltageControl

+   kivdc: PU [0..1]
+   kpvdc: PU [0..1]
+   vdcmax: PU [0..1]
+   vdcmin: PU [0..1]

0..1

+DCvoltageControl

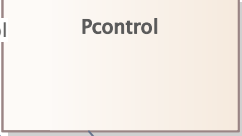«informative»   «informative»«informative»«informative»nformative» «informative»   «informative»

+Pcontrol
1

+Qmode   1   +Umode 1   +PFmodel 1   +Qregulator 1   +Qlimiter 1   +BlockingFur

Pcontrol   **Qmode**   **Umode**   **PFmode**   **Qregulator**   **Qlimiter**   Blo

+Pcontrol

«informative»

+Pcontrol   0..1   +Qmode   0..1   +Umode   0..1   +PFmode   0..1   +Qregulatorɔulat0..1   0..1   +Qlimiter   0..1   +Bloc

«informative»   «informative»   «informative»«informative» «informative»   «informative»   «informative»

«informative»

+HVDClookUpTable 1..*

+Delay

+Delay 1   +Delay 1+Delayɔ1|+Delay 1   +Delay 1   +Delay 1

1

InfHVDCDynamics::HV

InfHVDCDynamics::Delay

+   tm: Seconds [0..1]

+   functionKind: LookUpTa
+   input: Float [0..1]
+   output: Float [0..1]
+   sequence: Integer [0..1]

«enumeration»
InfHVDCDynamics::LookUpTableFunctionKind

additionalQcurrent
vdcol

ction 1

ockingFunction

kingFunction   0..1

/DCLookUpTable

oleFunctionKind [0..1]