

«enumeration» AssetFailureClassification

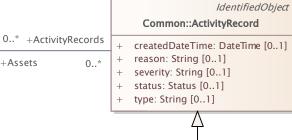
major

minor defect majorNeedsReplacement

«enumeration» AssetFailureMode

failToCarryLoad

failToClose failToInterrupt failToOpen failToProvideInsulationLevel



FailureEvent

- + breakerFailureReason: BreakerFailureReasonKind [0..1]
- + corporateCode: String [0..1]
- + failureClassification: AssetFailureClassification [0..1]
- + failureDateTime: DateTime [0..1]
- + failureIsolationMethod: FailureIsolationMethodKind [0..1]
- + failureMode: AssetFailureMode
- + faultLocatingMethod: String [0..1]
- + location: String [0..1]+ rootCause: String [0..1]
- + transformerFailureReason: TransformerFailureReasonKind [0..1]

«enumeration» BreakerFailureReasonKind

blastValveFailure bushingFailure closeCoilOpenShortedFailed contaminatedAir contaminatedArcChutes contaminated GascontaminatedGasAir controlCircuitFailure degradedLubrication externalOrInternalContamination highPressureAirPlant highResistanceLoadPath highResistancePath interrupterContactFailure interrupterFailure linkageFailure lossOfOil lossOfVacuum **lowGasPressure** mechanismFailure mechanismOrLinkageFailure oilRelatedFailure poorOilQuality rackingMechanismFailure resistorFailure resistorGradingCapacitorFailure

SF6BlastValveFailure SF6PufferFailure solidDielectricFailure storedEnergyFailure tripCoilOpenShortedFailed

«enumeration» TransformerFailureReasonKind

bushingFailure lossOfOil oilRelatedFailure poorOilQuality

«enumeration»

FailureIsolationMethodKind

breakerOperation fuse burnedInTheClear manuallyIsolated other