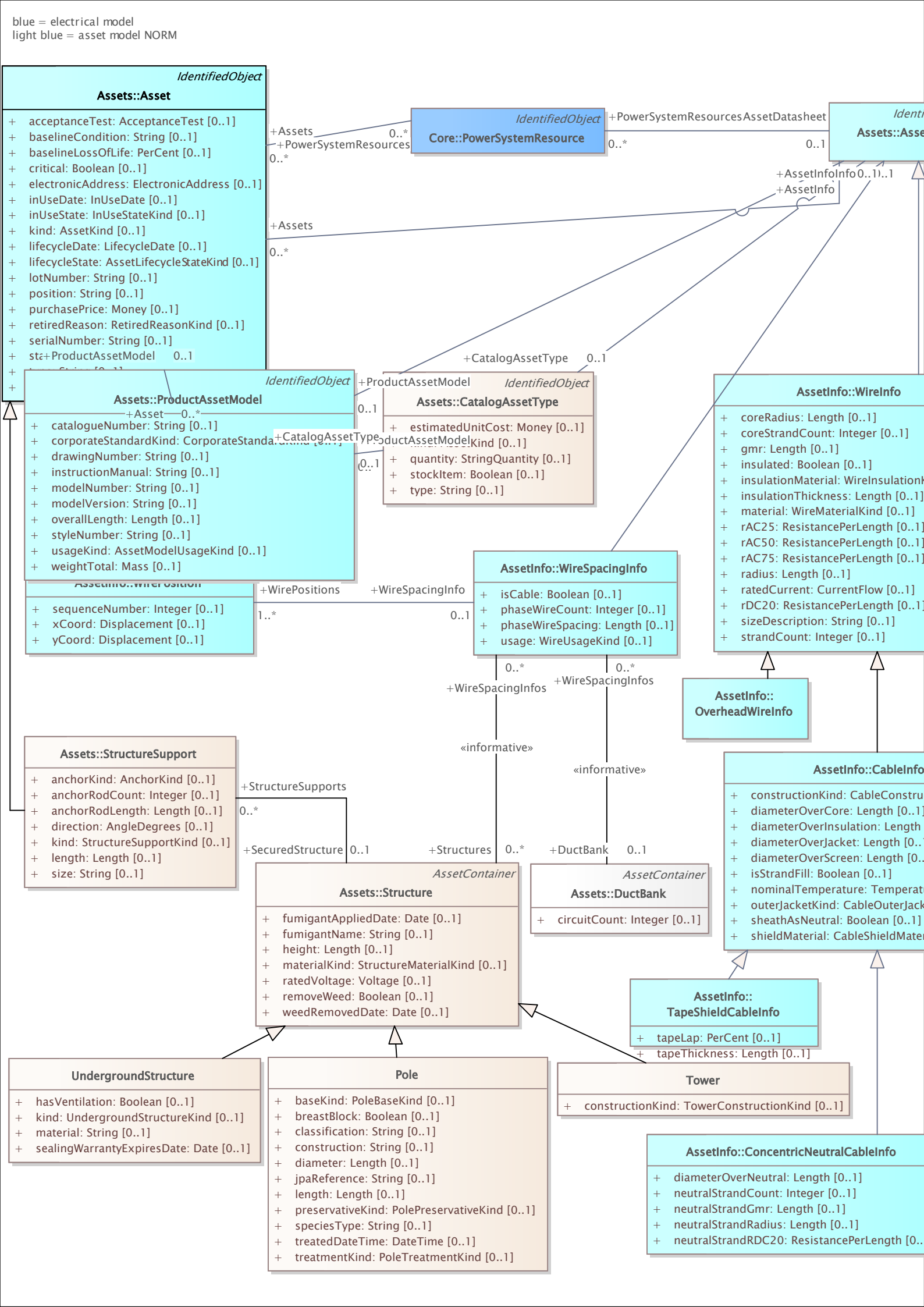
blue = electrical model
light blue = asset model NORM
IdentifiedObject
Assets::Asset
+ acceptanceTest: AcceptanceTest [0..1]
+ baselineCondition: String [0..1]
+ baselineLossOfLife: PerCent [0..1]
+ critical: Boolean [0..1]
+ electronicAddress: ElectronicAddress [0..1]
+ inUseDate: InUseDate [0..1]
+ inUseState: InUseStateKind [0..1]
+ kind: AssetKind [0..1]
+ lifecycleDate: LifecycleDate [0..1]
+ lifecycleState: AssetLifecycleStateKind [0..1]
+ lotNumber: String [0..1]
+ position: String [0..1]
+ purchasePrice: Money [0..1]
+ retiredReason: RetiredReasonKind [0..1]
+ serialNumber: String [0..1]
+ status: String [0..1]
+ type: String [0..1]
+Assets
0..*
+PowerSystemResources
0..*
IdentifiedObject
Core::PowerSystemResource
+PowerSystemResources
0..*
AssetDatasheet
0..1
Assets::Asse
+AssetInfo
Info
0..1
0..1
+AssetInfo
+Assets
0..*
+ProductAssetModel
0..1
+CatalogAssetType
0..1
IdentifiedObject
Assets::ProductAssetModel
+Asset
0..*
+ catalogueNumber: String [0..1]
+ corporateStandardKind: CorporateStandardKind [0..1]
+ drawingNumber: String [0..1]
+ instructionManual: String [0..1]
+ modelNumber: String [0..1]
+ modelVersion: String [0..1]
+ overallLength: Length [0..1]
+ styleNumber: String [0..1]
+ usageKind: AssetModelUsageKind [0..1]
+ weightTotal: Mass [0..1]
+ProductAssetModel
0..1
IdentifiedObject
Assets::CatalogAssetType
+ estimatedUnitCost: Money [0..1]
+ quantity: StringQuantity [0..1]
+ stockItem: Boolean [0..1]
+ type: String [0..1]
+CatalogAssetType
0..1
AssetInfo::WireInfo
+ coreRadius: Length [0..1]
+ coreStrandCount: Integer [0..1]
+ gmr: Length [0..1]
+ insulated: Boolean [0..1]
+ insulationMaterial: WireInsulationK
+ insulationThickness: Length [0..1]
+ material: WireMaterialKind [0..1]
+ rAC25: ResistancePerLength [0..1]
+ rAC50: ResistancePerLength [0..1]
+ rAC75: ResistancePerLength [0..1]
+ radius: Length [0..1]
+ ratedCurrent: CurrentFlow [0..1]
+ rDC20: ResistancePerLength [0..1]
+ sizeDescription: String [0..1]
+ strandCount: Integer [0..1]
+ sequenceNumber: Integer [0..1]
+ xCoord: Displacement [0..1]
+ yCoord: Displacement [0..1]
+WirePositions
1..*
+WireSpacingInfo
0..1
AssetInfo::WireSpacingInfo
+ isCable: Boolean [0..1]
+ phaseWireCount: Integer [0..1]
+ phaseWireSpacing: Length [0..1]
+ usage: WireUsageKind [0..1]
0..*
+WireSpacingInfos
0..*
+WireSpacingInfos
AssetInfo::
OverheadWireInfo
«informative»
«informative»
Assets::StructureSupport
+ anchorKind: AnchorKind [0..1]
+ anchorRodCount: Integer [0..1]
+ anchorRodLength: Length [0..1]
+ direction: AngleDegrees [0..1]
+ kind: StructureSupportKind [0..1]
+ length: Length [0..1]
+ size: String [0..1]
+StructureSupports
0..*
+SecuredStructure
0..1
+Structures
0..*
+DuctBank
0..1
AssetInfo::CableInfo
+ constructionKind: CableConstru
+ diameterOverCore: Length [0..1]
+ diameterOverInsulation: Length
+ diameterOverJacket: Length [0..
+ diameterOverScreen: Length [0..
+ isStrandFill: Boolean [0..1]
+ nominalTemperature: Temperat
+ outerJacketKind: CableOuterJack
+ sheathAsNeutral: Boolean [0..1]
+ shieldMaterial: CableShieldMate
AssetContainer
Assets::Structure
+ fumigantAppliedDate: Date [0..1]
+ fumigantName: String [0..1]
+ height: Length [0..1]
+ materialKind: StructureMaterialKind [0..1]
+ ratedVoltage: Voltage [0..1]
+ removeWeed: Boolean [0..1]
+ weedRemovedDate: Date [0..1]
AssetContainer
Assets::DuctBank
+ circuitCount: Integer [0..1]
AssetInfo::
TapeShieldCableInfo
+ tapeLap: PerCent [0..1]
+ tapeThickness: Length [0..1]
UndergroundStructure
+ hasVentilation: Boolean [0..1]
+ kind: UndergroundStructureKind [0..1]
+ material: String [0..1]
+ sealingWarrantyExpiresDate: Date [0..1]
Pole
+ baseKind: PoleBaseKind [0..1]
+ breastBlock: Boolean [0..1]
+ classification: String [0..1]
+ construction: String [0..1]
+ diameter: Length [0..1]
+ jpaReference: String [0..1]
+ length: Length [0..1]
+ preservativeKind: PolePreservativeKind [0..1]
+ speciesType: String [0..1]
+ treatedDateTime: DateTime [0..1]
+ treatmentKind: PoleTreatmentKind [0..1]
Tower
+ constructionKind: TowerConstructionKind [0..1]
AssetInfo::ConcentricNeutralCableInfo
+ diameterOverNeutral: Length [0..1]
+ neutralStrandCount: Integer [0..1]
+ neutralStrandGmr: Length [0..1]
+ neutralStrandRadius: Length [0..1]
+ neutralStrandRDC20: ResistancePerLength [0..

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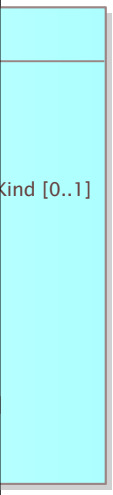
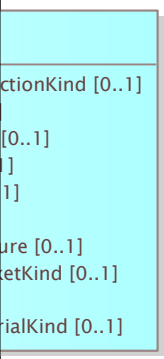

Kind [0..1]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[0..1]
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1]