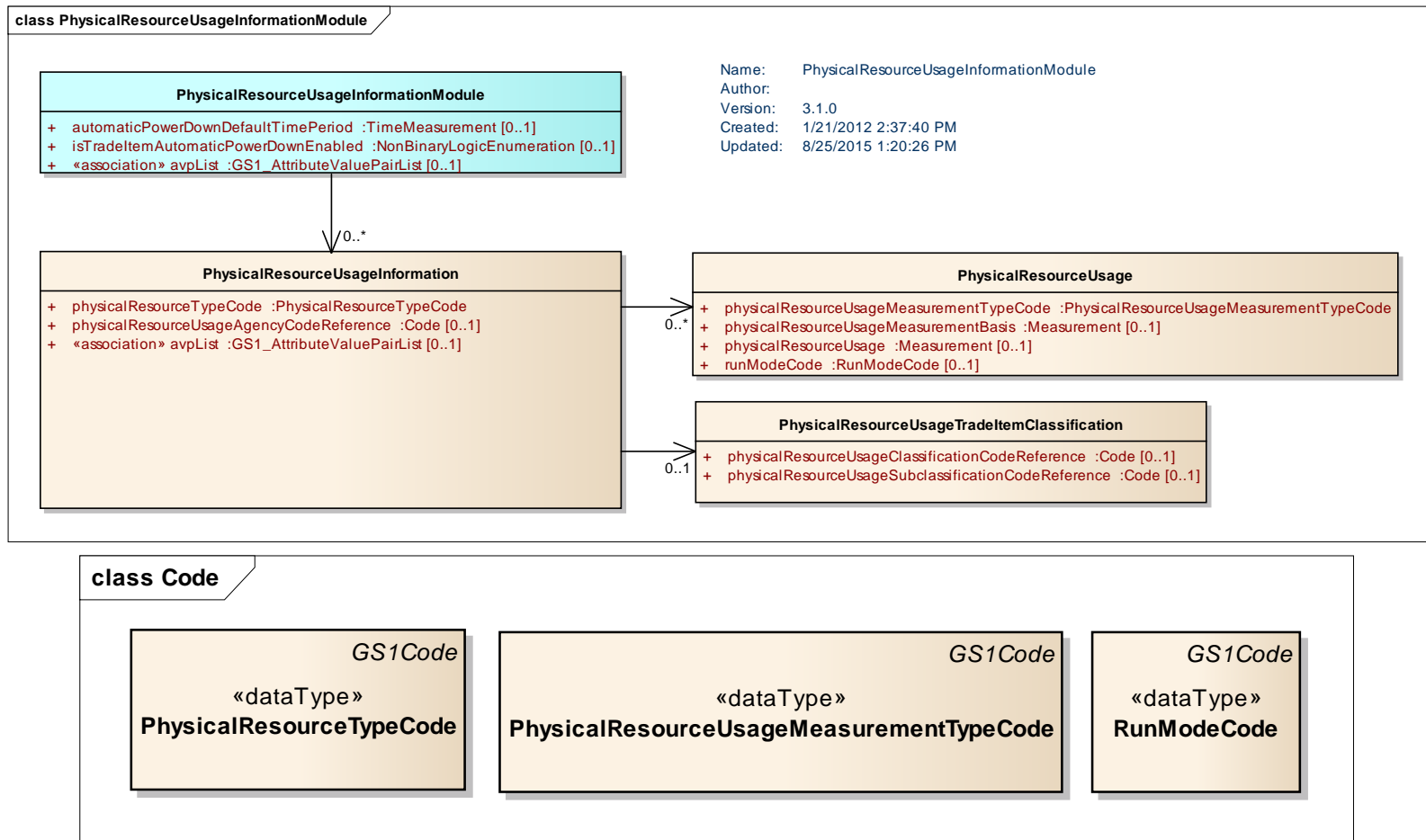


## 5.41. Physical Resource Usage Information Module



content	attribute / role	datatype /secondary class	multiplicity	definition
PhysicalResourceUsage				Information on the amount of energy used for a trade item.
Attribute	physicalResourceUsageMeasurementTypeCode	PhysicalResourceUsageMeasurementTypeCode	1..1	A qualifier determining whether the resource usage is maximum or average.
Attribute	physicalResourceUsageMeasurementBasis	Measurement	0..1	The basis used to determine the resource usage for the trade item for example time period (e.g. hours, days, years).
Attribute	physicalResourceUsage	Measurement	0..1	The maximum amount of resources used by a device powered by electricity.
Attribute	runModeCode	runModeCode	0..1	The functional mode of an electrical device for example On, Sleep, Standby). Run modes are defined by various guidelines for example the energy star guideline.
PhysicalResourceUsageTradeItemClassification				A trade item classification used to drive requirements for information for trade items which use physical resources for example water or electricity.
Attribute	physicalResourceUsageSubclassificationCodeReference	Code	0..1	A sub-classification code value from a product classification scheme provided to drive required information for resource usage.
Attribute	physicalResourceUsageClassificationCodeReference	Code	0..1	A classification code value from a product classification scheme provided to drive required information for resource usage.
PhysicalResourceUsageInformation				Details on the usage of physical resources for a trade item during various modes of usage.
Association		PhysicalResourceUsageTradeItemClassification	0..1	A trade item classification used to drive requirements for information for trade items which use physical resources.
Association		PhysicalResourceUsage	0..*	Information on the amount of physical resources used for a trade item.
Attribute	physicalResourceTypeCode	physicalResourceTypeCode	1..1	A code depicting the type of physical resource being measured for usage for example electricity, gas.
Attribute	physicalResourceUsageAgencyCodeReference	Code	0..*	The agency that regulates resource usage for products within a target market. For example Environmental Protection Agency (EPA) in the United States.
PhysicalResourceUsageInformationModule				A module containing details on the usage of resources for a trade item during various modes of usage.
Association		PhysicalResourceUsageInformation	0..*	Details on the usage of resources for a trade item during various modes of usage.
Association	avpList	GS1_AttributeValuePairList	0..1	The transmission of non-standard data done in a simple, flexible, and easy to use method.



content	attribute / role	datatype /secondary class	multiplic ity	definition
Attribute	automaticPowerDown DefaultTimePeriod	TimeMeasurement	0..1	The default time value that the product will automatically power down for trade item.
Attribute	isTradeItemAutomatic PowerDownEnabled	NonBinaryLogicEn umeration	0..1	An indicator whether a product is enabled with auto power down feature when shipped to the customer. Auto power down is a feature that operates similarly to power management features and requires the unit to enter a standby passive mode after a certain pre-set number of hours of user inactivity.