Redfish Telemetry Proposal Worksheet

v0.8 Work in Progresss

September 2024

This worksheet contains a list of properties from Redfish schemas expected to contain telemetry data.

Only those schemas that are expected to contain "telemetry" material are shown.

A value in the "Telemetry" column indicates the property would be included (if present) in a Telemetry record.

The "Telemetry" value indicates whether the property appears in all telemetry records (Compact), or only at "Detailed" verbosity

Some classes of properites have been removed from the list for clarity (these would never be considered telemetry data)

* Annotations (e.g. @odata.id, @odata.type)

* Hypermedia links, Links object contents, or other URI references

* OEM objects (however, OEMs may define telemetry content)

* Action definitions

Items in Yellow are questionable - would like opinions on inclusion / exclusion

Items in Blue indicate properties to add (duplicate) in metric-related schemas to enable detailed telemetry feeds

Feedback on this material should be directed to the DMTF Redfish Forum

https://www.dmtf.org/standards/feedback

Schema Name	Property Name (chain)	Type	Telemetry	Description
BatteryMetrics	CellVoltages	array		The cell voltages (V) for this battery.
BatteryMetrics	CellVoltages.CrestFactor	number	Detailed	The crest factor for this sensor.
BatteryMetrics	CellVoltages.Reading	number	Compact	The sensor value.
BatteryMetrics	CellVoltages.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
BatteryMetrics	ChargePercent.Reading	number	Compact	The sensor value.
BatteryMetrics	DischargeCycles	number	Detailed	The number of discharges this battery has sustained.
BatteryMetrics	InputCurrentAmps.CrestFactor	number	Detailed	The crest factor for this sensor.
BatteryMetrics	InputCurrentAmps.Reading	number	Compact	The sensor value.
BatteryMetrics	InputCurrentAmps.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
BatteryMetrics	InputVoltage.CrestFactor	number	Detailed	The crest factor for this sensor.
BatteryMetrics	InputVoltage.Reading	number	Compact	The sensor value.
BatteryMetrics	InputVoltage.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
BatteryMetrics	OutputCurrentAmps	array		The output currents (A) for this battery.
BatteryMetrics	OutputCurrentAmps.CrestFactor	number	Detailed	The crest factor for this sensor.
BatteryMetrics	OutputCurrentAmps.Reading	number	Compact	The sensor value.
BatteryMetrics	OutputCurrentAmps.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
BatteryMetrics	OutputVoltages	array		The output voltages (V) for this battery.
BatteryMetrics	OutputVoltages.CrestFactor	number	Detailed	The crest factor for this sensor.
BatteryMetrics	OutputVoltages.Reading	number	Compact	The sensor value.
BatteryMetrics	OutputVoltages.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
BatteryMetrics	Status.Health	string	Detailed	Common status/health
BatteryMetrics	Status.State	string	Detailed	Common status/state
BatteryMetrics	StoredChargeAmpHours.Reading	number	Compact	The sensor value.
BatteryMetrics	StoredEnergyWattHours.Reading	number	Compact	The sensor value.
BatteryMetrics	TemperatureCelsius.Reading	number	Compact	The sensor value.
Circuit	BreakerState	string		The state of the overcurrent protection device.
Circuit	CircuitType	string		The type of circuit.
Circuit	ConfigurationLocked	boolean		Indicates whether the configuration is locked.
Circuit	CriticalCircuit	boolean		Designates if this is a critical circuit.
Circuit	CurrentAmps.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	CurrentAmps.Reading	number	Compact	The sensor value.

Schema Name	Property Name (chain)	Type	Telemetry	Description
Circuit	CurrentAmps.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	ElectricalConsumerNames	array		An array of names of downstream devices that are powered
Circuit	ElectricalConsumerNames.	string		
Circuit	ElectricalContext	string		The combination of current-carrying conductors.
Circuit	ElectricalSourceManagerURI	string		The URI of the management interface for the upstream elec
Circuit	ElectricalSourceName	string		The name of the upstream electrical source, such as a circu
Circuit	EnergykWh.ApparentkVAh	number	Compact	Apparent energy (kVAh).
Circuit	EnergykWh.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Circuit	EnergykWh.ReactivekVARh	number	Compact	Reactive energy (kVARh).
Circuit	EnergykWh.Reading	number	Compact	The sensor value.
Circuit	EnergykWh.SensorResetTime	string		The date and time when the time-based properties were las
Circuit	FrequencyHz.Reading	number	Compact	The sensor value.
Circuit	IndicatorLED	string		The state of the indicator LED, which identifies the circuit.
Circuit	LocationIndicatorActive	boolean		An indicator allowing an operator to physically locate this re
Circuit	NominalFrequencyHz	number		The nominal frequency (Hz) for this circuit.
Circuit	NominalVoltage	string		The nominal voltage for this circuit.
Circuit	PhaseWiringType	string		The number of ungrounded current-carrying conductors (ph
Circuit	PlugType	string		The type of plug according to NEMA, IEC, or regional standa
Circuit	PolyPhaseCurrentAmps.Line1.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseCurrentAmps.Line1.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseCurrentAmps.Line1.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseCurrentAmps.Line2.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseCurrentAmps.Line2.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseCurrentAmps.Line2.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseCurrentAmps.Line3.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseCurrentAmps.Line3.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseCurrentAmps.Line3.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseCurrentAmps.Neutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseCurrentAmps.Neutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseCurrentAmps.Neutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseEnergykWh.Line1ToLine2.ApparentkVAh	number	Compact	Apparent energy (kVAh).

Schema Name	Property Name (chain)	Type	Telemetry	Description
Circuit	PolyPhaseEnergykWh.Line1ToLine2.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Circuit	PolyPhaseEnergykWh.Line1ToLine2.ReactivekVARh	number	Compact	Reactive energy (kVARh).
Circuit	PolyPhaseEnergykWh.Line1ToLine2.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseEnergykWh.Line1ToLine2.SensorResetTime	string		The date and time when the time-based properties were las
Circuit	PolyPhaseEnergykWh.Line1ToNeutral.ApparentkVAh	number	Compact	Apparent energy (kVAh).
Circuit	PolyPhaseEnergykWh.Line1ToNeutral.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Circuit	PolyPhaseEnergykWh.Line1ToNeutral.ReactivekVARh	number	Compact	Reactive energy (kVARh).
Circuit	PolyPhaseEnergykWh.Line1ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseEnergykWh.Line1ToNeutral.SensorResetTime	string		The date and time when the time-based properties were las
Circuit	PolyPhaseEnergykWh.Line2ToLine3.ApparentkVAh	number	Compact	Apparent energy (kVAh).
Circuit	PolyPhaseEnergykWh.Line2ToLine3.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Circuit	PolyPhaseEnergykWh.Line2ToLine3.ReactivekVARh	number	Compact	Reactive energy (kVARh).
Circuit	PolyPhaseEnergykWh.Line2ToLine3.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseEnergykWh.Line2ToLine3.SensorResetTime	string		The date and time when the time-based properties were las
Circuit	PolyPhaseEnergykWh.Line2ToNeutral.ApparentkVAh	number	Compact	Apparent energy (kVAh).
Circuit	PolyPhaseEnergykWh.Line2ToNeutral.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Circuit	PolyPhaseEnergykWh.Line2ToNeutral.ReactivekVARh	number	Compact	Reactive energy (kVARh).
Circuit	PolyPhaseEnergykWh.Line2ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseEnergykWh.Line2ToNeutral.SensorResetTime	string		The date and time when the time-based properties were las
Circuit	PolyPhaseEnergykWh.Line3ToLine1.ApparentkVAh	number	Compact	Apparent energy (kVAh).
Circuit	PolyPhaseEnergykWh.Line3ToLine1.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Circuit	PolyPhaseEnergykWh.Line3ToLine1.ReactivekVARh	number	Compact	Reactive energy (kVARh).
Circuit	PolyPhaseEnergykWh.Line3ToLine1.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseEnergykWh.Line3ToLine1.SensorResetTime	string		The date and time when the time-based properties were las
Circuit	PolyPhaseEnergykWh.Line3ToNeutral.ApparentkVAh	number	Compact	Apparent energy (kVAh).
Circuit	PolyPhaseEnergykWh.Line3ToNeutral.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Circuit	PolyPhaseEnergykWh.Line3ToNeutral.ReactivekVARh	number	Compact	Reactive energy (kVARh).
Circuit	PolyPhaseEnergykWh.Line3ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseEnergykWh.Line3ToNeutral.SensorResetTime	string		The date and time when the time-based properties were las
Circuit	PolyPhasePowerWatts.Line1ToLine2.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-;
Circuit	PolyPhasePowerWatts.Line1ToLine2.PhaseAngleDegree	number	Detailed	The phase angle (degrees) between the current and voltage

Schema Name	Property Name (chain)	Type	Telemetry	Description
Circuit	PolyPhasePowerWatts.Line1ToLine2.PowerFactor	number	Detailed	The power factor for this sensor.
Circuit	PolyPhasePowerWatts.Line1ToLine2.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Circuit	PolyPhasePowerWatts.Line1ToLine2.Reading	number	Compact	The sensor value.
Circuit	PolyPhasePowerWatts.Line1ToNeutral.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-a
Circuit	PolyPhasePowerWatts.Line1ToNeutral.PhaseAngleDegr	number	Detailed	The phase angle (degrees) between the current and voltage
Circuit	PolyPhasePowerWatts.Line1ToNeutral.PowerFactor	number	Detailed	The power factor for this sensor.
Circuit	PolyPhasePowerWatts.Line1ToNeutral.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Circuit	PolyPhasePowerWatts.Line1ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhasePowerWatts.Line2ToLine3.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-a
Circuit	PolyPhasePowerWatts.Line2ToLine3.PhaseAngleDegree	number	Detailed	The phase angle (degrees) between the current and voltage
Circuit	PolyPhasePowerWatts.Line2ToLine3.PowerFactor	number	Detailed	The power factor for this sensor.
Circuit	PolyPhasePowerWatts.Line2ToLine3.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Circuit	PolyPhasePowerWatts.Line2ToLine3.Reading	number	Compact	The sensor value.
Circuit	PolyPhasePowerWatts.Line2ToNeutral.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-a
Circuit	PolyPhasePowerWatts.Line2ToNeutral.PhaseAngleDegr	number	Detailed	The phase angle (degrees) between the current and voltage
Circuit	PolyPhasePowerWatts.Line2ToNeutral.PowerFactor	number	Detailed	The power factor for this sensor.
Circuit	PolyPhasePowerWatts.Line2ToNeutral.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Circuit	PolyPhasePowerWatts.Line2ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhasePowerWatts.Line3ToLine1.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-a
Circuit	PolyPhasePowerWatts.Line3ToLine1.PhaseAngleDegree	number	Detailed	The phase angle (degrees) between the current and voltage
Circuit	PolyPhasePowerWatts.Line3ToLine1.PowerFactor	number	Detailed	The power factor for this sensor.
Circuit	PolyPhasePowerWatts.Line3ToLine1.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Circuit	PolyPhasePowerWatts.Line3ToLine1.Reading	number	Compact	The sensor value.
Circuit	PolyPhasePowerWatts.Line3ToNeutral.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-a
Circuit	PolyPhasePowerWatts.Line3ToNeutral.PhaseAngleDegr	number	Detailed	The phase angle (degrees) between the current and voltage
Circuit	PolyPhasePowerWatts.Line3ToNeutral.PowerFactor	number	Detailed	The power factor for this sensor.
Circuit	PolyPhasePowerWatts.Line3ToNeutral.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Circuit	PolyPhasePowerWatts.Line3ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseVoltage.Line1ToLine2.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseVoltage.Line1ToLine2.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseVoltage.Line1ToLine2.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).

Schema Name	Property Name (chain)	Type	Telemetry	Description
Circuit	PolyPhaseVoltage.Line1ToNeutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseVoltage.Line1ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseVoltage.Line1ToNeutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseVoltage.Line2ToLine3.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseVoltage.Line2ToLine3.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseVoltage.Line2ToLine3.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseVoltage.Line2ToNeutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseVoltage.Line2ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseVoltage.Line2ToNeutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseVoltage.Line3ToLine1.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseVoltage.Line3ToLine1.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseVoltage.Line3ToLine1.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PolyPhaseVoltage.Line3ToNeutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	PolyPhaseVoltage.Line3ToNeutral.Reading	number	Compact	The sensor value.
Circuit	PolyPhaseVoltage.Line3ToNeutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	PowerControlLocked	boolean		Indicates whether power control requests are locked.
Circuit	PowerCycleDelaySeconds	number		The number of seconds to delay power on after a `PowerCo
Circuit	PowerEnabled	boolean		Indicates if the circuit can be powered.
Circuit	PowerLoadPercent.Reading	number		The sensor value.
Circuit	PowerOffDelaySeconds	number		The number of seconds to delay power off after a `PowerCo
Circuit	PowerOnDelaySeconds	number		The number of seconds to delay power up after a power cyc
Circuit	PowerRestoreDelaySeconds	number		The number of seconds to delay power on after power has b
Circuit	PowerRestorePolicy	string		The desired power state of the circuit when power is restore
Circuit	PowerState	string		The power state of the circuit.
Circuit	PowerStateInTransition	boolean		Indicates whether the power state is undergoing a delayed
Circuit	PowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-
Circuit	PowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
Circuit	PowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
Circuit	PowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Circuit	PowerWatts.Reading	number	Compact	The sensor value.
Circuit	RatedCurrentAmps	number		The rated maximum current allowed for this circuit.

Schema Name	Property Name (chain)	Type	Telemetry	Description
Circuit	Status.Health	string	Detailed	Common status/health
Circuit	Status.State	string	Detailed	Common status/state
Circuit	UnbalancedCurrentPercent.Reading	number	Compact	The sensor value.
Circuit	UnbalancedVoltagePercent.Reading	number	Compact	The sensor value.
Circuit	UserLabel	string		A user-assigned label.
Circuit	Voltage.CrestFactor	number	Detailed	The crest factor for this sensor.
Circuit	Voltage.Reading	number	Compact	The sensor value.
Circuit	Voltage.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Circuit	VoltageType	string		The type of voltage applied to the circuit.
CoolantConnector	CoolantConnectorType	string		The type of coolant connector.
CoolantConnector	CoolingLoopName	string		The name of the cooling loop attached to this interface.
CoolantConnector	CoolingManagerURI	string		The link to the application that manages the cooling loop.
CoolantConnector	DeltaPressurekPa.Reading	number	Compact	The sensor value.
CoolantConnector	DeltaTemperatureCelsius.Reading	number	Compact	The sensor value.
CoolantConnector	FlowLitersPerMinute.Reading	number	Compact	The sensor value.
CoolantConnector	HeatRemovedkW.Reading	number	Compact	The sensor value.
CoolantConnector	LocationIndicatorActive	boolean		An indicator allowing an operator to physically locate this re
CoolantConnector	RatedFlowLitersPerMinute	number		The rated liquid flow (L/min) for this loop interface.
CoolantConnector	RatedFlowPressurekPa	number		The pressure (kPa) at which the rated liquid flow is valid.
CoolantConnector	RatedPressurekPa	number		The rated pressure (kPa) for this connector.
CoolantConnector	ReturnPressurekPa.Reading	number	Compact	The sensor value.
CoolantConnector	ReturnTemperatureCelsius.Reading	number	Compact	The sensor value.
CoolantConnector	Status.Health	string	Detailed	Common status/health
CoolantConnector	Status.State	string	Detailed	Common status/state
CoolantConnector	SupplyPressurekPa.Reading	number	Compact	The sensor value.
CoolantConnector	SupplyTemperatureCelsius.Reading	number	Compact	The sensor value.
CoolingLoop	ConsumingEquipmentNames	array		An array of names of downstream devices that receive cool
CoolingLoop	ConsumingEquipmentNames.	string		
CoolingLoop	Coolant.AdditiveName	string		The name of the additive.
CoolingLoop	Coolant.AdditivePercent	number		The percent additives contained in the coolant.
CoolingLoop	Coolant.CoolantType	string		The type of coolant.

Schema Name	Property Name (chain)	Type	Telemetry	Description
CoolingLoop	Coolant.DensityKgPerCubicMeter	number		The density (kg/m^3) of the coolant.
CoolingLoop	Coolant.RatedServiceHours	number		The rated hours of service life for this coolant.
CoolingLoop	Coolant.ServicedDate	string		The date the coolant was last serviced.
CoolingLoop	Coolant.ServiceHours	number		The hours of service this coolant has provided.
CoolingLoop	Coolant.SpecificHeatkJoulesPerKgK	number		The specific heat capacity (kJ/(kg*K)) of the coolant.
CoolingLoop	CoolantLevelPercent.Reading	number	Compact	The sensor value.
CoolingLoop	CoolantLevelStatus	string		The status of the coolant level in this cooling loop.
CoolingLoop	CoolantQuality	string		The quality of the coolant.
CoolingLoop	CoolingManagerURI	string		The link to the application that manages the cooling loop.
CoolingLoop	LocationIndicatorActive	boolean		An indicator allowing an operator to physically locate this re
CoolingLoop	RatedFlowLitersPerMinute	number		The rated liquid flow (L/min) for this cooling loop.
CoolingLoop	RatedPressurekPa	number		The rated pressure (kPa) for this cooling loop.
CoolingLoop	Status.Health	string	Detailed	Common status/health
CoolingLoop	Status.Health	string	Detailed	Common status/health
CoolingLoop	Status.State	string	Detailed	Common status/state
CoolingLoop	Status.State	string	Detailed	Common status/state
CoolingLoop	SupplyEquipmentNames	array		An array of names of upstream devices that supply coolant
CoolingLoop	SupplyEquipmentNames.	string		
CoolingLoop	UserLabel	string		A user-assigned label.
DriveMetrics	BadBlockCount	integer	Compact	The total number of bad blocks reported by the drive.
DriveMetrics	CorrectableIOReadErrorCount	integer	Detailed	The number of correctable read errors for the lifetime of the
DriveMetrics	CorrectableIOWriteErrorCount	integer	Detailed	The number of correctable write errors for the lifetime of the
DriveMetrics	NativeCommandQueueDepth	integer	Detailed	The current depth of the Native Command Queue.
DriveMetrics	NVMeSMART.AvailableSparePercent	number	Detailed	The normalized percentage of the remaining spare capacity
DriveMetrics	NVMeSMART.AvailableSpareThresholdPercent	number	Detailed	The available spare threshold as a normalized percentage.
DriveMetrics	NVMeSMART.CompositeTemperatureCelsius	number	Detailed	The composite temperature (C).
DriveMetrics	NVMeSMART.ControllerBusyTimeMinutes	integer	Detailed	The total time the controller is busy with I/O commands in r
DriveMetrics	NVMeSMART.CriticalCompositeTempTimeMinutes	integer	Detailed	The amount of time in minutes that the controller has been
DriveMetrics	NVMeSMART.DataUnitsRead	integer	Compact	The number of 512 byte data units the host has read from th
DriveMetrics	NVMeSMART.DataUnitsWritten	integer	Compact	The number of 512 byte data units the host has written to th
DriveMetrics	NVMeSMART.EGCriticalWarningSummary.Namespaces	boolean		An indication of whether namespaces in one or more Endur

Schema Name	Property Name (chain)	Type	Telemetry	Description
DriveMetrics	NVMeSMART.EGCriticalWarningSummary.ReliabilityDe	boolean		An indication of whether the reliability of one or more Endur
DriveMetrics	NVMeSMART.EGCriticalWarningSummary.SpareCapacit	boolean		An indication of whether the available spare capacity of one
DriveMetrics	NVMeSMART.HostReadCommands	integer	Detailed	The number of SMART Host Read Commands completed by
DriveMetrics	NVMeSMART.HostWriteCommands	integer	Detailed	The number of User Data Out Commands completed by the
DriveMetrics	NVMeSMART.MediaAndDataIntegrityErrors	integer	Detailed	The number of occurrences where the controller detected a
DriveMetrics	NVMeSMART.NumberOfErrorInformationLogEntries	integer	Detailed	The number of error information log entries over the life of t
DriveMetrics	NVMeSMART.PercentageUsed	number	Detailed	The percentage of the NVM subsystem life used.
DriveMetrics	NVMeSMART.PowerCycles	integer	Detailed	The number of power cycles.
DriveMetrics	NVMeSMART.PowerOnHours	number	Detailed	The number of power-on hours.
DriveMetrics	NVMeSMART.TemperatureSensorsCelsius	array	Detailed	The temperature sensor readings in degree Celsius units fo
DriveMetrics	NVMeSMART.TemperatureSensorsCelsius.	number	Detailed	
DriveMetrics	NVMeSMART.ThermalMgmtTemp1TotalTimeSeconds	integer	Detailed	The number of seconds the controller transitioned to lower
DriveMetrics	NVMeSMART.ThermalMgmtTemp1TransitionCount	integer	Detailed	The number of times the controller transitioned to lower po
DriveMetrics	NVMeSMART.ThermalMgmtTemp2TotalTimeSeconds	integer	Detailed	The number of seconds the controller transitioned to lower
DriveMetrics	NVMeSMART.ThermalMgmtTemp2TransitionCount	integer	Detailed	The number of times the controller transitioned to lower po
DriveMetrics	NVMeSMART.UnsafeShutdowns	integer	Detailed	The number of unsafe shutdowns.
DriveMetrics	NVMeSMART.WarningCompositeTempTimeMinutes	integer	Detailed	The amount of time in minutes that the controller has been
DriveMetrics	PowerOnHours	number	Detailed	The number of power-on hours for the lifetime of the drive.
DriveMetrics	ReadIOKiBytes	integer	Compact	The number of kibibytes read.
DriveMetrics	UncorrectableIOReadErrorCount	integer	Compact	The number of uncorrectable read errors for the lifetime of t
DriveMetrics	UncorrectableIOWriteErrorCount	integer	Compact	The number of uncorrectable write errors for the lifetime of
DriveMetrics	WriteIOKiBytes	integer	Compact	The number of kibibytes written.
EnvironmentMetrics	AbsoluteHumidity.Reading	number	Compact	The sensor value.
EnvironmentMetrics	DewPointCelsius.Reading	number	Compact	The sensor value.
EnvironmentMetrics	EnergyJoules.Reading	number	Compact	The sensor value.
EnvironmentMetrics	EnergykWh.ApparentkVAh	number	Compact	Apparent energy (kVAh).
EnvironmentMetrics	EnergykWh.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
EnvironmentMetrics	EnergykWh.ReactivekVARh	number	Compact	Reactive energy (kVARh).
EnvironmentMetrics	EnergykWh.Reading	number	Compact	The sensor value.
EnvironmentMetrics	EnergykWh.SensorResetTime	string		The date and time when the time-based properties were las
EnvironmentMetrics	FanSpeedsPercent	array		Fan speeds (percent).

Schema Name	Property Name (chain)	Type	Telemetry	Description
EnvironmentMetrics	FanSpeedsPercent.DeviceName	string	Compact	The name of the device.
EnvironmentMetrics	FanSpeedsPercent.PhysicalContext	string		The area or device to which this sensor measurement appli
EnvironmentMetrics	FanSpeedsPercent.PhysicalSubContext	string		The usage or location within a device to which this sensor n
EnvironmentMetrics	FanSpeedsPercent.Reading	number	Compact	The sensor value.
EnvironmentMetrics	FanSpeedsPercent.SpeedRPM	number	Compact	The rotational speed.
EnvironmentMetrics	HumidityPercent.Reading	number	Compact	The sensor value.
EnvironmentMetrics	PowerLimitWatts.AllowableMax	number		The maximum possible setting for this control.
EnvironmentMetrics	PowerLimitWatts.AllowableMin	number		The minimum possible setting for this control.
EnvironmentMetrics	PowerLimitWatts.ControlMode	string		The current operating mode of the control.
EnvironmentMetrics	PowerLimitWatts.DefaultSetPoint	number		The default set point of the control.
EnvironmentMetrics	PowerLimitWatts.Reading	number	Detailed	The reading of the sensor associated with this control.
EnvironmentMetrics	PowerLimitWatts.ReadingUnits	string		The units of the sensor reading associated with this control
EnvironmentMetrics	PowerLimitWatts.SetPoint	number	Detailed	The desired set point of the control.
EnvironmentMetrics	PowerLoadPercent.Reading	number	Compact	The sensor value.
EnvironmentMetrics	PowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-
EnvironmentMetrics	PowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
EnvironmentMetrics	PowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
EnvironmentMetrics	PowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
EnvironmentMetrics	PowerWatts.Reading	number	Compact	The sensor value.
EnvironmentMetrics	TemperatureCelsius.Reading	number	Compact	The sensor value.
HeaterMetrics	PowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-
HeaterMetrics	PowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
HeaterMetrics	PowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
HeaterMetrics	PowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
HeaterMetrics	PowerWatts.Reading	number	Compact	The sensor value.
HeaterMetrics	PrePowerOnHeatingTimeSeconds	integer	Detailed	The total number of seconds the heater was active while th
HeaterMetrics	RuntimeHeatingTimeSeconds	integer	Detailed	The total number of seconds the heater was active while th
HeaterMetrics	TemperatureReadingsCelsius	array	Compact	The temperatures (in degree Celsius units) from all related
HeaterMetrics	TemperatureReadingsCelsius.DeviceName	string	Compact	The name of the device.
HeaterMetrics	TemperatureReadingsCelsius.PhysicalContext	string		The area or device to which this sensor measurement appli
HeaterMetrics	TemperatureReadingsCelsius.PhysicalSubContext	string		The usage or location within a device to which this sensor n

Schema Name	Property Name (chain)	Type	Telemetry	Description
HeaterMetrics	TemperatureReadingsCelsius.Reading	number	Compact	The sensor value.
MemoryMetrics	BandwidthPercent	number	Compact	The memory bandwidth utilization as a percentage.
MemoryMetrics	BlockSizeBytes	integer		The block size, in bytes.
MemoryMetrics	CapacityUtilizationPercent	number	Compact	The memory capacity utilization as a percentage.
MemoryMetrics	CorrectedPersistentErrorCount	integer	Detailed	The number of corrected errors in persistent memory.
MemoryMetrics	CorrectedVolatileErrorCount	integer	Detailed	The number of corrected errors in volatile memory.
MemoryMetrics	CurrentPeriod.BlocksRead	integer	Compact	The number of blocks read since reset.
MemoryMetrics	CurrentPeriod.BlocksWritten	integer	Compact	The number of blocks written since reset.
MemoryMetrics	CurrentPeriod.CorrectableECCErrorCount	integer	Detailed	The number of correctable errors since reset.
MemoryMetrics	CurrentPeriod.IndeterminateCorrectableErrorCount	integer	Detailed	The number of indeterminate correctable errors since reset
MemoryMetrics	CurrentPeriod.IndeterminateUncorrectableErrorCount	integer	Detailed	The number of indeterminate uncorrectable errors since re:
MemoryMetrics	CurrentPeriod.UncorrectableECCErrorCount	integer	Detailed	The number of uncorrectable errors since reset.
MemoryMetrics	CXL.AlertCapabilities.CorrectableECCError	boolean		Indicates whether correctable ECC errors generate an alert
MemoryMetrics	CXL.AlertCapabilities.SpareBlock	boolean		Indicates whether spare block conditions generate an alert
MemoryMetrics	CXL.AlertCapabilities.Temperature	boolean		Indicates whether temperature conditions generate an aler
MemoryMetrics	CXL.AlertCapabilities.UncorrectableECCError	boolean		Indicates whether uncorrectable ECC errors generate an al
MemoryMetrics	DirtyShutdownCount	integer	Detailed	The number of shutdowns while outstanding writes have nc
MemoryMetrics	HealthData.AlarmTrips.AddressParityError	boolean		An indication of whether an address parity error was detec
MemoryMetrics	HealthData.AlarmTrips.CorrectableECCError	boolean		An indication of whether the correctable error threshold crc
MemoryMetrics	HealthData.AlarmTrips.SpareBlock	boolean		An indication of whether the spare block capacity crossing
MemoryMetrics	HealthData.AlarmTrips.Temperature	boolean		An indication of whether a temperature threshold alarm trip
MemoryMetrics	HealthData.AlarmTrips.UncorrectableECCError	boolean		An indication of whether the uncorrectable error threshold
MemoryMetrics	HealthData.DataLossDetected	boolean		An indication of whether data loss was detected.
MemoryMetrics	HealthData.LastShutdownSuccess	boolean		An indication of whether the last shutdown succeeded.
MemoryMetrics	HealthData.PerformanceDegraded	boolean		An indication of whether performance has degraded.
MemoryMetrics	HealthData.PredictedMediaLifeLeftPercent	number	Detailed	The percentage of reads and writes that are predicted to sti
MemoryMetrics	HealthData.RemainingSpareBlockPercentage	number	Detailed	The remaining spare blocks, as a percentage.
MemoryMetrics	LifeTime.BlocksRead	integer	Detailed	The number of blocks read for the lifetime of the memory.
MemoryMetrics	LifeTime.BlocksWritten	integer	Detailed	The number of blocks written for the lifetime of the memory
MemoryMetrics	LifeTime.CorrectableECCErrorCount	integer	Detailed	The number of correctable errors for the lifetime of the men
MemoryMetrics	LifeTime.IndeterminateCorrectableErrorCount	integer	Detailed	The number of indeterminate correctable errors for the lifet

Schema Name	Property Name (chain)	Type	Telemetry	Description
MemoryMetrics	LifeTime.IndeterminateUncorrectableErrorCount	integer	Detailed	The number of indeterminate uncorrectable errors for the li
MemoryMetrics	LifeTime.UncorrectableECCErrorCount	integer	Detailed	The number of uncorrectable errors for the lifetime of the m
MemoryMetrics	Status.Health	string	Detailed	Common status/health
MemoryMetrics	Status.State	string	Detailed	Common status/state
NetworkAdapterMetrics	CPUCorePercent	number	Compact	The device CPU core utilization as a percentage.
NetworkAdapterMetrics	HostBusRXPercent	number	Compact	The host bus, such as PCIe, RX utilization as a percentage.
NetworkAdapterMetrics	HostBusTXPercent	number	Compact	The host bus, such as PCIe, TX utilization as a percentage.
NetworkAdapterMetrics	NCSIRXBytes	integer	Detailed	The total number of NC-SI bytes received since reset.
NetworkAdapterMetrics	NCSIRXFrames	integer	Detailed	The total number of NC-SI frames received since reset.
NetworkAdapterMetrics	NCSITXBytes	integer	Detailed	The total number of NC-SI bytes sent since reset.
NetworkAdapterMetrics	NCSITXFrames	integer	Detailed	The total number of NC-SI frames sent since reset.
NetworkAdapterMetrics	RXBytes	integer	Compact	The total number of bytes received since reset.
NetworkAdapterMetrics	RXMulticastFrames	integer	Detailed	The total number of good multicast frames received since r
NetworkAdapterMetrics	RXUnicastFrames	integer	Detailed	The total number of good unicast frames received since res
NetworkAdapterMetrics	Status.Health	string	Detailed	Common status/health
NetworkAdapterMetrics	Status.State	string	Detailed	Common status/state
NetworkAdapterMetrics	TXBytes	integer	Compact	The total number of bytes transmitted since reset.
NetworkAdapterMetrics	TXMulticastFrames	integer	Detailed	The total number of good multicast frames transmitted sinc
NetworkAdapterMetrics	TXUnicastFrames	integer	Detailed	The total number of good unicast frames transmitted since
NetworkDeviceFunctionM	Ethernet.NumOffloadedIPv4Conns	integer	Detailed	The total number of offloaded TCP/IPv4 connections.
NetworkDeviceFunctionM	Ethernet.NumOffloadedIPv6Conns	integer	Detailed	The total number of offloaded TCP/IPv6 connections.
NetworkDeviceFunctionM	FibreChannel.PortLoginAccepts	integer	Detailed	The total number of port login (PLOGI) accept (ACC) respon
NetworkDeviceFunctionM	FibreChannel.PortLoginRejects	integer	Detailed	The total number of port login (PLOGI) reject (RJT) response
NetworkDeviceFunctionM	FibreChannel.PortLoginRequests	integer	Detailed	The total number of port login (PLOGI) requests transmitted
NetworkDeviceFunctionM	FibreChannel.RXCongestionFPINs	integer	Detailed	The total number of Congestion Fabric Performance Impac
NetworkDeviceFunctionM	FibreChannel.RXDeliveryFPINs	integer	Detailed	The total number of Delivery Fabric Performance Impact No
NetworkDeviceFunctionM	FibreChannel.RXExchanges	integer	Detailed	The total number of Fibre Channel exchanges received.
NetworkDeviceFunctionM	FibreChannel.RXLinkIntegrityFPINs	integer	Detailed	The total number of Link Integrity Fabric Performance Impa
NetworkDeviceFunctionM	FibreChannel.RXPeerCongestionFPINs	integer	Detailed	The total number of Peer Congestion Fabric Performance Ir
NetworkDeviceFunctionM	FibreChannel.RXSequences	integer	Detailed	The total number of Fibre Channel sequences received.
NetworkDeviceFunctionM	FibreChannel.TXCongestionFPINs	integer	Detailed	The total number of Congestion Fabric Performance Impact

Schema Name	Property Name (chain)	Type	Telemetry	Description
NetworkDeviceFunction	FibreChannel.TXDeliveryFPINs	integer	Detailed	The total number of Delivery Fabric Performance Impact No
NetworkDeviceFunction	FibreChannel.TXExchanges	integer	Detailed	The total number of Fibre Channel exchanges transmitted.
NetworkDeviceFunction	FibreChannel.TXLinkIntegrityFPINs	integer	Detailed	The total number of Link Integrity Fabric Performance Impa
NetworkDeviceFunction	FibreChannel.TXPeerCongestionFPINs	integer	Detailed	The total number of Peer Congestion Fabric Performance Ir
NetworkDeviceFunction	FibreChannel.TXSequences	integer	Detailed	The total number of Fibre Channel sequences transmitted.
NetworkDeviceFunction	RXAvgQueueDepthPercent	number	Detailed	The average RX queue depth as the percentage.
NetworkDeviceFunction	RXBytes	integer	Compact	The total number of bytes received on a network function.
NetworkDeviceFunction	RXFrames	integer	Compact	The total number of frames received on a network function.
NetworkDeviceFunction	RXMulticastFrames	integer	Detailed	The total number of good multicast frames received on a ne
NetworkDeviceFunction	RXQueuesEmpty	boolean		Whether nothing is in a network function's RX queues to DM
NetworkDeviceFunction	RXQueuesFull	integer	Detailed	The number of RX queues that are full.
NetworkDeviceFunction	RXUnicastFrames	integer	Detailed	The total number of good unicast frames received on a netw
NetworkDeviceFunction	Status.Health	string	Detailed	Common status/health
NetworkDeviceFunction	Status.State	string	Detailed	Common status/state
NetworkDeviceFunction	TXAvgQueueDepthPercent	number	Detailed	The average TX queue depth as the percentage.
NetworkDeviceFunction	TXBytes	integer	Compact	The total number of bytes sent on a network function.
NetworkDeviceFunction	TXFrames	integer	Compact	The total number of frames sent on a network function.
NetworkDeviceFunction	TXMulticastFrames	integer	Detailed	The total number of good multicast frames transmitted on a
NetworkDeviceFunction	TXQueuesEmpty	boolean		Whether all TX queues for a network function are empty.
NetworkDeviceFunction	TXQueuesFull	integer	Detailed	The number of TX queues that are full.
NetworkDeviceFunction	TXUnicastFrames	integer	Detailed	The total number of good unicast frames transmitted on a n
Outlet	ConfigurationLocked	boolean		Indicates whether the configuration is locked.
Outlet	CurrentAmps.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	CurrentAmps.Reading	number	Compact	The sensor value.
Outlet	CurrentAmps.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	ElectricalConsumerNames	array		An array of names of downstream devices that are powered
Outlet	ElectricalConsumerNames.	string		
Outlet	ElectricalContext	string		The combination of current-carrying conductors.
Outlet	EnergykWh.ApparentkVAh	number	Compact	Apparent energy (kVAh).
Outlet	EnergykWh.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Outlet	EnergykWh.ReactivekVARh	number	Compact	Reactive energy (kVARh).

Schema Name	Property Name (chain)	Type	Telemetry	Description
Outlet	EnergykWh.Reading	number	Compact	The sensor value.
Outlet	EnergykWh.SensorResetTime	string		The date and time when the time-based properties were las
Outlet	FrequencyHz.Reading	number	Detailed	The sensor value.
Outlet	IndicatorLED	string		The state of the indicator LED, which identifies the outlet.
Outlet	LocationIndicatorActive	boolean		An indicator allowing an operator to physically locate this re
Outlet	NominalVoltage	string		The nominal voltage for this outlet.
Outlet	OutletType	string		The type of receptacle according to NEMA, IEC, or regional s
Outlet	PhaseWiringType	string		The number of ungrounded current-carrying conductors (ph
Outlet	PolyPhaseCurrentAmps.Line1.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseCurrentAmps.Line1.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseCurrentAmps.Line1.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseCurrentAmps.Line2.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseCurrentAmps.Line2.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseCurrentAmps.Line2.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseCurrentAmps.Line3.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseCurrentAmps.Line3.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseCurrentAmps.Line3.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseCurrentAmps.Neutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseCurrentAmps.Neutral.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseCurrentAmps.Neutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseVoltage.Line1ToLine2.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseVoltage.Line1ToLine2.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseVoltage.Line1ToLine2.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseVoltage.Line1ToNeutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseVoltage.Line1ToNeutral.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseVoltage.Line1ToNeutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseVoltage.Line2ToLine3.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseVoltage.Line2ToLine3.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseVoltage.Line2ToLine3.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseVoltage.Line2ToNeutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseVoltage.Line2ToNeutral.Reading	number	Compact	The sensor value.

Schema Name	Property Name (chain)	Type	Telemetry	Description
Outlet	PolyPhaseVoltage.Line2ToNeutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseVoltage.Line3ToLine1.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseVoltage.Line3ToLine1.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseVoltage.Line3ToLine1.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PolyPhaseVoltage.Line3ToNeutral.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	PolyPhaseVoltage.Line3ToNeutral.Reading	number	Compact	The sensor value.
Outlet	PolyPhaseVoltage.Line3ToNeutral.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	PowerControlLocked	boolean		Indicates whether power control requests are locked.
Outlet	PowerCycleDelaySeconds	number		The number of seconds to delay power on after a `PowerCo
Outlet	PowerEnabled	boolean		Indicates if the outlet can be powered.
Outlet	PowerLoadPercent.Reading	number	Compact	The sensor value.
Outlet	PowerOffDelaySeconds	number		The number of seconds to delay power off after a `PowerCo
Outlet	PowerOnDelaySeconds	number		The number of seconds to delay power up after a power cyc
Outlet	PowerRestoreDelaySeconds	number		The number of seconds to delay power on after power has b
Outlet	PowerRestorePolicy	string		The desired power state of the outlet when power is restore
Outlet	PowerState	string		The power state of the outlet.
Outlet	PowerStateInTransition	boolean		Indicates whether the power state is undergoing a delayed
Outlet	PowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-
Outlet	PowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
Outlet	PowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
Outlet	PowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Outlet	PowerWatts.Reading	number	Compact	The sensor value.
Outlet	RatedCurrentAmps	number		The rated maximum current allowed for this outlet.
Outlet	UserLabel	string		A user-assigned label.
Outlet	Voltage.CrestFactor	number	Detailed	The crest factor for this sensor.
Outlet	Voltage.Reading	number	Compact	The sensor value.
Outlet	Voltage.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Outlet	VoltageType	string		The type of voltage applied to the outlet.
OutletGroup	ConfigurationLocked	boolean		Indicates whether the configuration is locked.
OutletGroup	CreatedBy	string		The creator of this outlet group.
OutletGroup	EnergykWh.ApparentkVAh	number	Compact	Apparent energy (kVAh).

Schema Name	Property Name (chain)	Type	Telemetry	Description
OutletGroup	EnergykWh.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
OutletGroup	EnergykWh.ReactivekVARh	number	Compact	Reactive energy (kVARh).
OutletGroup	EnergykWh.Reading	number	Compact	The sensor value.
OutletGroup	EnergykWh.SensorResetTime	string		The date and time when the time-based properties were las
OutletGroup	OutletGroupType	string		The type of outlet group that this resource represents.
OutletGroup	PowerControlLocked	boolean		Indicates whether power control requests are locked.
OutletGroup	PowerCycleDelaySeconds	number		The number of seconds to delay power on after a `PowerC`
OutletGroup	PowerEnabled	boolean		Indicates if the outlet group can be powered.
OutletGroup	PowerOffDelaySeconds	number		The number of seconds to delay power off after a `PowerC`
OutletGroup	PowerOnDelaySeconds	number		The number of seconds to delay power up after a power cyc
OutletGroup	PowerRestoreDelaySeconds	number		The number of seconds to delay power on after power has k
OutletGroup	PowerRestorePolicy	string		The desired power state of the outlet group when power is n
OutletGroup	PowerState	string		The power state of the outlet group.
OutletGroup	PowerStateInTransition	boolean		Indicates whether the power state is undergoing a delayed t
OutletGroup	PowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-a
OutletGroup	PowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
OutletGroup	PowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
OutletGroup	PowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
OutletGroup	PowerWatts.Reading	number	Compact	The sensor value.
PortMetrics	CXL.BackpressureAveragePercentage	integer	Detailed	The average congestion of the port as a percentage.
PortMetrics	FibreChannel.CorrectableFECErrors	integer	Detailed	The total number of correctable forward error correction (FE
PortMetrics	FibreChannel.InvalidCRCs	integer	Detailed	The total number of invalid cyclic redundancy checks (CRC
PortMetrics	FibreChannel.InvalidTXWords	integer	Detailed	The total number of invalid transmission words.
PortMetrics	FibreChannel.LinkFailures	integer	Detailed	The total number of link failures.
PortMetrics	FibreChannel.LossesOfSignal	integer	Detailed	The total number of losses of signal.
PortMetrics	FibreChannel.LossesOfSync	integer	Detailed	The total number of losses of sync.
PortMetrics	FibreChannel.RXBBCreditZero	integer	Detailed	The number of times the receive buffer-to-buffer credit cou
PortMetrics	FibreChannel.RXExchanges	integer	Compact	The total number of Fibre Channel exchanges received.
PortMetrics	FibreChannel.RXSequences	integer	Compact	The total number of Fibre Channel sequences received.
PortMetrics	FibreChannel.TXBBCredits	integer	Detailed	The number of transmit buffer-to-buffer credits the port is c
PortMetrics	FibreChannel.TXBBCreditZero	integer	Detailed	The number of times the transmit buffer-to-buffer credit co

Schema Name	Property Name (chain)	Type	Telemetry	Description
PortMetrics	FibreChannel.TXBBCreditZeroDurationMilliseconds	integer	Detailed	The total amount of time the port has been blocked from tra
PortMetrics	FibreChannel.TXExchanges	integer	Compact	The total number of Fibre Channel exchanges transmitted.
PortMetrics	FibreChannel.TXSequences	integer	Compact	The total number of Fibre Channel sequences transmitted.
PortMetrics	FibreChannel.UncorrectableFECErrors	integer	Detailed	The total number of uncorrectable forward error correction
PortMetrics	GenZ.AccessKeyViolations	integer	Detailed	The total number of Access Key Violations detected.
PortMetrics	GenZ.EndToEndCRCErrors	integer	Detailed	The total number of ECRC transient errors detected.
PortMetrics	GenZ.LinkNTE	integer	Detailed	The total number of link-local non-transient errors detected
PortMetrics	GenZ.LLRRecovery	integer	Detailed	The total number of times Link-Level Reliability (LLR) recove
PortMetrics	GenZ.MarkedECN	integer	Detailed	The number of packets with the Congestion ECN bit set.
PortMetrics	GenZ.NonCRCTransientErrors	integer	Detailed	The total number transient errors detected that are unrelate
PortMetrics	GenZ.PacketCRCErrors	integer	Detailed	The total number of PCRC transient errors detected.
PortMetrics	GenZ.PacketDeadlineDiscards	integer	Detailed	The number of packets discarded due to the Congestion De
PortMetrics	GenZ.ReceivedECN	integer	Detailed	The number of packets received on this interface with the C
PortMetrics	GenZ.RXStompedECRC	integer	Detailed	The total number of packets received with a stomped ECRC
PortMetrics	GenZ.TXStompedECRC	integer	Detailed	The total number of packets that this interface stomped the
PortMetrics	Networking.RDMAProtectionErrors	integer	Detailed	The total number of RDMA protection errors.
PortMetrics	Networking.RDMAProtocolErrors	integer	Detailed	The total number of RDMA protocol errors.
PortMetrics	Networking.RDMARXBytes	integer	Detailed	The total number of RDMA bytes received on a port since re
PortMetrics	Networking.RDMARXRequests	integer	Detailed	The total number of RDMA requests received on a port since
PortMetrics	Networking.RDMATXBytes	integer	Detailed	The total number of RDMA bytes transmitted on a port since
PortMetrics	Networking.RDMATXReadRequests	integer	Detailed	The total number of RDMA read requests transmitted on a p
PortMetrics	Networking.RDMATXRequests	integer	Detailed	The total number of RDMA requests transmitted on a port si
PortMetrics	Networking.RDMATXSendRequests	integer	Detailed	The total number of RDMA send requests transmitted on a p
PortMetrics	Networking.RDMATXWriteRequests	integer	Detailed	The total number of RDMA write requests transmitted on a p
PortMetrics	Networking.RXBroadcastFrames	integer	Detailed	The total number of valid broadcast frames received on a po
PortMetrics	Networking.RXDiscards	integer	Detailed	The total number of frames discarded in a port's receive pat
PortMetrics	Networking.RXFalseCarrierErrors	integer	Detailed	The total number of false carrier errors received from phy or
PortMetrics	Networking.RXFCSErrors	integer	Detailed	The total number of frames received with frame check sequ
PortMetrics	Networking.RXFrameAlignmentErrors	integer	Detailed	The total number of frames received with alignment errors o
PortMetrics	Networking.RXFrames	integer	Compact	The total number of frames received on a port since reset.
PortMetrics	Networking.RXMulticastFrames	integer	Detailed	The total number of valid multicast frames received on a po

Schema Name	Property Name (chain)	Type	Telemetry	Description
PortMetrics	Networking.RXOversizeFrames	integer	Detailed	The total number of frames that exceed the maximum frame
PortMetrics	Networking.RXPauseXOFFFrames	integer	Detailed	The total number of flow control frames from the network to
PortMetrics	Networking.RXPauseXONFrames	integer	Detailed	The total number of flow control frames from the network to
PortMetrics	Networking.RXPFCFrames	integer	Detailed	The total number of priority flow control (PFC) frames recei
PortMetrics	Networking.RXUndersizeFrames	integer	Detailed	The total number of frames that are smaller than the minim
PortMetrics	Networking.RXUnicastFrames	integer	Detailed	The total number of valid unicast frames received on a port
PortMetrics	Networking.TXBroadcastFrames	integer	Detailed	The total number of good broadcast frames transmitted on
PortMetrics	Networking.TXDiscards	integer	Detailed	The total number of frames discarded in a port's transmit pa
PortMetrics	Networking.TXExcessiveCollisions	integer	Detailed	The number of times a single transmitted frame encountere
PortMetrics	Networking.TXFrames	integer	Compact	The total number of frames transmitted on a port since rese
PortMetrics	Networking.TXLateCollisions	integer	Detailed	The total number of collisions that occurred after one slot ti
PortMetrics	Networking.TXMulticastFrames	integer	Detailed	The total number of good multicast frames transmitted on a
PortMetrics	Networking.TXMultipleCollisions	integer	Detailed	The times that a transmitted frame encountered 2-15 collis
PortMetrics	Networking.TXPauseXOFFFrames	integer	Detailed	The total number of XOFF frames transmitted to the networ
PortMetrics	Networking.TXPauseXONFrames	integer	Detailed	The total number of XON frames transmitted to the network
PortMetrics	Networking.TXPFCFrames	integer	Detailed	The total number of priority flow control (PFC) frames sent
PortMetrics	Networking.TXSingleCollisions	integer	Detailed	The times that a successfully transmitted frame encountere
PortMetrics	Networking.TXUnicastFrames	integer	Detailed	The total number of good unicast frames transmitted on a p
PortMetrics	RXBytes	integer	Compact	The total number of bytes received on a port since reset.
PortMetrics	RXErrors	integer	Compact	The total number of received errors on a port since reset.
PortMetrics	SAS	array		The physical (phy) metrics for Serial Attached SCSI (SAS). E
PortMetrics	SAS.InvalidDwordCount	integer	Detailed	The number of invalid dwords that have been received by th
PortMetrics	SAS.LossOfDwordSynchronizationCount	integer	Detailed	The number of times the phy has restarted the link reset se
PortMetrics	SAS.PhyResetProblemCount	integer	Detailed	The number of times a phy reset problem has occurred.
PortMetrics	SAS.RunningDisparityErrorCount	integer	Detailed	The number of dwords containing running disparity errors th
PortMetrics	Transceivers	array		The metrics for the transceivers in this port. Each member
PortMetrics	Transceivers.RXInputPowerMilliWatts	number	Detailed	The RX input power value of a small form-factor pluggable (
PortMetrics	Transceivers.SupplyVoltage	number	Detailed	The supply voltage of a small form-factor pluggable (SFP) tr
PortMetrics	Transceivers.TXBiasCurrentMilliAmps	number	Detailed	The TX bias current value of a small form-factor pluggable (
PortMetrics	Transceivers.TXOutputPowerMilliWatts	number	Detailed	The TX output power value of a small form-factor pluggable
PortMetrics	Transceivers.WavelengthNanometers	string		The laser wavelength, in nanometers, for a small form-facto

Schema Name	Property Name (chain)	Type	Telemetry	Description
PortMetrics	TXBytes	integer	Compact	The total number of bytes transmitted on a port since reset.
PortMetrics	TXErrors	integer	Compact	The total number of transmission errors on a port since rese
PowerDistributionMetric:	AbsoluteHumidity.Reading	number	Compact	The sensor value.
PowerDistributionMetric:	EnergykWh.ApparentkVAh	number	Compact	Apparent energy (kVAh).
PowerDistributionMetric:	EnergykWh.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
PowerDistributionMetric:	EnergykWh.ReactivekVARh	number	Compact	Reactive energy (kVARh).
PowerDistributionMetric:	EnergykWh.Reading	number	Compact	The sensor value.
PowerDistributionMetric:	EnergykWh.SensorResetTime	string		The date and time when the time-based properties were las
PowerDistributionMetric:	HumidityPercent.Reading	number	Compact	The sensor value.
PowerDistributionMetric:	PowerLoadPercent.Reading	number	Compact	The sensor value.
PowerDistributionMetric:	PowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-i
PowerDistributionMetric:	PowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
PowerDistributionMetric:	PowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
PowerDistributionMetric:	PowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
PowerDistributionMetric:	PowerWatts.Reading	number	Compact	The sensor value.
PowerDistributionMetric:	TemperatureCelsius.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	EnergykWh.ApparentkVAh	number	Compact	Apparent energy (kVAh).
PowerSupplyMetrics	EnergykWh.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
PowerSupplyMetrics	EnergykWh.ReactivekVARh	number	Compact	Reactive energy (kVARh).
PowerSupplyMetrics	EnergykWh.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	EnergykWh.SensorResetTime	string		The date and time when the time-based properties were las
PowerSupplyMetrics	FanSpeedPercent.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	FanSpeedPercent.SpeedRPM	number	Compact	The rotational speed.
PowerSupplyMetrics	FanSpeedsPercent	array		Fan speeds (percent).
PowerSupplyMetrics	FanSpeedsPercent.DeviceName	string	Compact	The name of the device.
PowerSupplyMetrics	FanSpeedsPercent.PhysicalContext	string		The area or device to which this sensor measurement appli
PowerSupplyMetrics	FanSpeedsPercent.PhysicalSubContext	string		The usage or location within a device to which this sensor n
PowerSupplyMetrics	FanSpeedsPercent.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	FanSpeedsPercent.SpeedRPM	number	Compact	The rotational speed.
PowerSupplyMetrics	FrequencyHz.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	InputCurrentAmps.CrestFactor	number	Detailed	The crest factor for this sensor.

Schema Name	Property Name (chain)	Type	Telemetry	Description
PowerSupplyMetrics	InputCurrentAmps.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	InputCurrentAmps.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
PowerSupplyMetrics	InputPowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-…
PowerSupplyMetrics	InputPowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
PowerSupplyMetrics	InputPowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
PowerSupplyMetrics	InputPowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
PowerSupplyMetrics	InputPowerWatts.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	InputVoltage.CrestFactor	number	Detailed	The crest factor for this sensor.
PowerSupplyMetrics	InputVoltage.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	InputVoltage.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
PowerSupplyMetrics	OutputPowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-…
PowerSupplyMetrics	OutputPowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
PowerSupplyMetrics	OutputPowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
PowerSupplyMetrics	OutputPowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
PowerSupplyMetrics	OutputPowerWatts.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	RailCurrentAmps	array	Compact	The output currents (A) for this power supply.
PowerSupplyMetrics	RailCurrentAmps.CrestFactor	number	Detailed	The crest factor for this sensor.
PowerSupplyMetrics	RailCurrentAmps.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	RailCurrentAmps.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
PowerSupplyMetrics	RailPowerWatts	array	Compact	The output power readings (W) for this power supply.
PowerSupplyMetrics	RailPowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-…
PowerSupplyMetrics	RailPowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
PowerSupplyMetrics	RailPowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
PowerSupplyMetrics	RailPowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
PowerSupplyMetrics	RailPowerWatts.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	RailVoltage	array		The output voltages (V) for this power supply.
PowerSupplyMetrics	RailVoltage.CrestFactor	number	Detailed	The crest factor for this sensor.
PowerSupplyMetrics	RailVoltage.Reading	number	Compact	The sensor value.
PowerSupplyMetrics	RailVoltage.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
PowerSupplyMetrics	TemperatureCelsius.Reading	number	Compact	The sensor value.
ProcessorMetrics	AverageFrequencyMHz	number	Compact	The average frequency of the processor.

Schema Name	Property Name (chain)	Type	Telemetry	Description
ProcessorMetrics	BandwidthPercent	number	Compact	The bandwidth usage of this processor as a percentage.
ProcessorMetrics	Cache	array		The processor cache metrics.
ProcessorMetrics	Cache.CacheMiss	number	Detailed	The number of cache line misses in millions.
ProcessorMetrics	Cache.CacheMissesPerInstruction	number	Detailed	The number of cache misses per instruction.
ProcessorMetrics	Cache.HitRatio	number	Detailed	The cache line hit ratio.
ProcessorMetrics	Cache.Level	string	Detailed	The cache level.
ProcessorMetrics	Cache.OccupancyBytes	integer	Detailed	The total cache level occupancy in bytes.
ProcessorMetrics	Cache.OccupancyPercent	number	Detailed	The total cache occupancy percentage.
ProcessorMetrics	CacheMetricsTotal.CurrentPeriod.CorrectableECCError	integer	Detailed	The number of correctable errors of cache memory since re
ProcessorMetrics	CacheMetricsTotal.CurrentPeriod.UncorrectableECCEr	integer	Detailed	The number of uncorrectable errors of cache memory since
ProcessorMetrics	CacheMetricsTotal.LifeTime.CorrectableECCErrorCoun	integer	Detailed	The number of correctable errors for the lifetime of the cacl
ProcessorMetrics	CacheMetricsTotal.LifeTime.UncorrectableECCErrorCo	integer	Detailed	The number of uncorrectable errors for the lifetime of the c
ProcessorMetrics	ConsumedPowerWatt	number	Compact	The power, in watt units, that the processor has consumed.
ProcessorMetrics	CoreMetrics	array		The processor core metrics.
ProcessorMetrics	CoreMetrics.CoreCache	array		The cache metrics of this core in the processor.
ProcessorMetrics	CoreMetrics.CoreCache.CacheMiss	number	Detailed	The number of cache line misses in millions.
ProcessorMetrics	CoreMetrics.CoreCache.CacheMissesPerInstruction	number	Detailed	The number of cache misses per instruction.
ProcessorMetrics	CoreMetrics.CoreCache.HitRatio	number	Detailed	The cache line hit ratio.
ProcessorMetrics	CoreMetrics.CoreCache.Level	string	Detailed	The cache level.
ProcessorMetrics	CoreMetrics.CoreCache.OccupancyBytes	integer	Detailed	The total cache level occupancy in bytes.
ProcessorMetrics	CoreMetrics.CoreCache.OccupancyPercent	number	Detailed	The total cache occupancy percentage.
ProcessorMetrics	CoreMetrics.CoreId	string	Detailed	The processor core identifier.
ProcessorMetrics	CoreMetrics.CorrectableCoreErrorCount	integer	Detailed	The number of correctable core errors.
ProcessorMetrics	CoreMetrics.CorrectableOtherErrorCount	integer	Detailed	The number of correctable errors of all other components.
ProcessorMetrics	CoreMetrics.CStateResidency	array		The C-state residency of this core in the processor.
ProcessorMetrics	CoreMetrics.CStateResidency.Level	string	Detailed	The C-state level, such as C0, C1, or C2.
ProcessorMetrics	CoreMetrics.CStateResidency.ResidencyPercent	number	Detailed	The percentage of time that the processor or core has spen
ProcessorMetrics	CoreMetrics.InstructionsPerCycle	number	Detailed	The number of instructions per clock cycle of this core.
ProcessorMetrics	CoreMetrics.IOStallCount	number	Detailed	The number of stalled cycles due to I/O operations.
ProcessorMetrics	CoreMetrics.MemoryStallCount	number	Detailed	The number of stalled cycles due to memory operations.
ProcessorMetrics	CoreMetrics.UncorrectableCoreErrorCount	integer	Detailed	The number of uncorrectable core errors.

Schema Name	Property Name (chain)	Type	Telemetry	Description
ProcessorMetrics	CoreMetrics.UncorrectableOtherErrorCount	integer	Detailed	The number of uncorrectable errors of all other components
ProcessorMetrics	CoreMetrics.UnhaltedCycles	number	Detailed	The unhalted cycles count of this core.
ProcessorMetrics	CoreVoltage.CrestFactor	number	Detailed	The crest factor for this sensor.
ProcessorMetrics	CoreVoltage.Reading	number	Detailed	The sensor value.
ProcessorMetrics	CoreVoltage.THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
ProcessorMetrics	CorrectableCoreErrorCount	integer	Detailed	The number of correctable core errors.
ProcessorMetrics	CorrectableOtherErrorCount	integer	Detailed	The number of correctable errors of all other components.
ProcessorMetrics	FrequencyRatio	number	Compact	The frequency relative to the nominal processor frequency
ProcessorMetrics	KernelPercent	number	Compact	The percentage of time spent in kernel mode.
ProcessorMetrics	LocalMemoryBandwidthBytes	integer	Compact	The local memory bandwidth usage in bytes.
ProcessorMetrics	OperatingSpeedMHz	integer	Compact	Operating speed of the processor in MHz.
ProcessorMetrics	PowerLimitThrottleDuration	string	Detailed	The total duration of throttling caused by a power limit of th
ProcessorMetrics	RemoteMemoryBandwidthBytes	integer	Compact	The remote memory bandwidth usage in bytes.
ProcessorMetrics	Status.Health	string	Detailed	Common status/health
ProcessorMetrics	Status.State	string	Detailed	Common status/state
ProcessorMetrics	TemperatureCelsius	number	Compact	The temperature of the processor.
ProcessorMetrics	ThermalLimitThrottleDuration	string	Detailed	The total duration of throttling caused by a thermal limit of t
ProcessorMetrics	ThrottlingCelsius	number	Detailed	The CPU margin to throttle (temperature offset in degree Ce
ProcessorMetrics	UncorrectableCoreErrorCount	integer	Detailed	The number of uncorrectable core errors.
ProcessorMetrics	UncorrectableOtherErrorCount	integer	Detailed	The number of uncorrectable errors of all other components
ProcessorMetrics	UserPercent	number	Compact	The percentage of time spent in user mode.
Pump	AssetTag	string		The user-assigned asset tag for this equipment.
Pump	FirmwareVersion	string		The firmware version of this equipment.
Pump	LocationIndicatorActive	boolean		An indicator allowing an operator to physically locate this re
Pump	Manufacturer	string		The manufacturer of this pump.
Pump	Model	string		The model number for this pump.
Pump	PartNumber	string		The part number for this pump.
Pump	PhysicalContext	string		The area or device associated with this pump.
Pump	ProductionDate	string		The production or manufacturing date of this equipment.
Pump	PumpSpeedPercent.Reading	number	Compact	The sensor value.
Pump	PumpSpeedPercent.SpeedRPM	number	Compact	The rotational speed.

Schema Name	Property Name (chain)	Type	Telemetry	Description
Pump	PumpType	string		The type of pump.
Pump	SerialNumber	string		The serial number for this pump.
Pump	ServiceHours	number		The hours of service this pump has provided.
Pump	SparePartNumber	string		The spare part number for this pump.
Pump	SpeedControlPercent.AllowableMax	number		The maximum possible setting for this control.
Pump	SpeedControlPercent.AllowableMin	number		The minimum possible setting for this control.
Pump	SpeedControlPercent.ControlLoop.CoefficientUpdateTi	string		The date and time that the control loop coefficients were ch
Pump	SpeedControlPercent.ControlLoop.Differential	number		The differential coefficient.
Pump	SpeedControlPercent.ControlLoop.Integral	number		The integral coefficient.
Pump	SpeedControlPercent.ControlLoop.Proportional	number		The proportional coefficient.
Pump	SpeedControlPercent.ControlMode	string		The current operating mode of the control.
Pump	SpeedControlPercent.Reading	number	Compact	The reading of the sensor associated with this control.
Pump	SpeedControlPercent.ReadingUnits	string		The units of the sensor reading associated with this control
Pump	SpeedControlPercent.SetPoint	number	Compact	The desired set point of the control.
Pump	Status.Health	string	Detailed	Common status/health
Pump	Status.State	string	Detailed	Common status/state
Pump	UserLabel	string		A user-assigned label.
Pump	Version	string		The hardware version of this equipment.
Reservoir	CapacityLiters	number		The capacity of the reservoir (L).
Reservoir	FluidLevelPercent.Reading	number	Compact	The sensor value.
Reservoir	FluidLevelStatus	string		The status of the fluid level in this reservoir.
Reservoir	InternalPressurekPa.Reading	number	Compact	The sensor value.
Reservoir	LocationIndicatorActive	boolean		An indicator allowing an operator to physically locate this re
Reservoir	Manufacturer	string		The manufacturer of this reservoir.
Reservoir	Model	string		The model number for this reservoir.
Reservoir	PartNumber	string		The part number for this reservoir.
Reservoir	PhysicalContext	string		The area or device associated with this reservoir.
Reservoir	ReservoirType	string		The type of reservoir.
Reservoir	SerialNumber	string		The serial number for this reservoir.
Reservoir	SparePartNumber	string		The spare part number for this reservoir.
Reservoir	Status.Health	string	Detailed	Common status/health

Schema Name	Property Name (chain)	Type	Telemetry	Description
Reservoir	Status.State	string	Detailed	Common status/state
Reservoir	UserLabel	string		A user-assigned label.
Sensor	Accuracy	number		The estimated percent error of measured versus actual value
Sensor	AdjustedMaxAllowableOperatingValue	number		The adjusted maximum allowable operating value for this e
Sensor	AdjustedMinAllowableOperatingValue	number		The adjusted minimum allowable operating value for this e
Sensor	ApparentkVAh	number	Compact	Apparent energy (kVAh).
Sensor	ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-a
Sensor	AverageReading	number	Detailed	The average sensor value.
Sensor	AveragingInterval	string		The interval over which the average sensor value is calculat
Sensor	AveragingIntervalAchieved	boolean		Indicates that enough readings were collected to calculate
Sensor	Calibration	number		The calibration offset applied to the Reading.
Sensor	CalibrationTime	string		The date and time that the sensor was last calibrated.
Sensor	CrestFactor	number	Detailed	The crest factor for this sensor.
Sensor	ElectricalContext	string		The combination of current-carrying conductors.
Sensor	Enabled	boolean		Indicates whether the sensor is enabled and provides a rea
Sensor	Implementation	string		The implementation of the sensor.
Sensor	LifetimeReading	number	Detailed	The total accumulation value for this sensor.
Sensor	LifetimeStartDateTime	string		The date and time when the sensor started accumulating re
Sensor	LoadPercent	number		The power load utilization for this sensor.
Sensor	LowestReading	number	Detailed	The lowest sensor value.
Sensor	LowestReadingTime	string		The time when the lowest sensor value occurred.
Sensor	Manufacturer	string		The manufacturer of this sensor.
Sensor	MaxAllowableOperatingValue	number		The maximum allowable operating value for this equipment
Sensor	MinAllowableOperatingValue	number		The minimum allowable operating value for this equipment
Sensor	Model	string		The model number of the sensor.
Sensor	PartNumber	string		The part number of the sensor.
Sensor	PeakReading	number	Detailed	The peak sensor value.
Sensor	PeakReadingTime	string		The time when the peak sensor value occurred.
Sensor	PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage
Sensor	PhysicalContext	string		The area or device to which this sensor measurement appli
Sensor	PhysicalSubContext	string		The usage or location within a device to which this sensor n

Schema Name	Property Name (chain)	Type	Telemetry	Description
Sensor	PowerFactor	number	Detailed	The power factor for this sensor.
Sensor	Precision	number		The number of significant digits in the reading.
Sensor	ReactivekVARh	number	Compact	Reactive energy (kVARh).
Sensor	ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
Sensor	Reading	number	Compact	The sensor value.
Sensor	ReadingAccuracy	number		Accuracy (+/-) of the reading.
Sensor	ReadingBasis	string		The basis for the reading of this sensor.
Sensor	ReadingRangeMax	number		The maximum possible value for this sensor.
Sensor	ReadingRangeMin	number		The minimum possible value for this sensor.
Sensor	ReadingTime	string		The date and time that the reading was acquired from the se
Sensor	ReadingType	string		The type of sensor.
Sensor	ReadingUnits	string		The units of the reading, thresholds, and other reading-rela
Sensor	RelatedItem	array		An array of links to resources or objects that this sensor ser
Sensor	SensingFrequency	number		The time interval between readings of the physical sensor.
Sensor	SensingInterval	string		The time interval between readings of the sensor.
Sensor	SensorResetTime	string		The date and time when the time-based properties were las
Sensor	SerialNumber	string		The serial number of the sensor.
Sensor	SKU	string		The SKU of the sensor.
Sensor	SparePartNumber	string		The spare part number of the sensor.
Sensor	SpeedRPM	number	Compact	The rotational speed.
Sensor	Status.Health	string	Detailed	The state of the device
Sensor	Status.State	string	Detailed	The health of the device
Sensor	THDPercent	number	Detailed	The total harmonic distortion percent (% THD).
Sensor	Thresholds.LowerCaution.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.LowerCaution.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.LowerCaution.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.LowerCaution.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.LowerCaution.Reading	number		The threshold value.
Sensor	Thresholds.LowerCautionUser.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.LowerCautionUser.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.LowerCautionUser.HysteresisDuration	string		The duration the sensor value must not violate the threshol

Schema Name	Property Name (chain)	Type	Telemetry	Description
Sensor	Thresholds.LowerCautionUser.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.LowerCautionUser.Reading	number		The threshold value.
Sensor	Thresholds.LowerCritical.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.LowerCritical.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.LowerCritical.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.LowerCritical.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.LowerCritical.Reading	number		The threshold value.
Sensor	Thresholds.LowerCriticalUser.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.LowerCriticalUser.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.LowerCriticalUser.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.LowerCriticalUser.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.LowerCriticalUser.Reading	number		The threshold value.
Sensor	Thresholds.LowerFatal.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.LowerFatal.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.LowerFatal.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.LowerFatal.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.LowerFatal.Reading	number		The threshold value.
Sensor	Thresholds.UpperCaution.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.UpperCaution.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.UpperCaution.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.UpperCaution.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.UpperCaution.Reading	number		The threshold value.
Sensor	Thresholds.UpperCautionUser.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.UpperCautionUser.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.UpperCautionUser.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.UpperCautionUser.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.UpperCautionUser.Reading	number		The threshold value.
Sensor	Thresholds.UpperCritical.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.UpperCritical.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.UpperCritical.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.UpperCritical.HysteresisReading	number		The reading offset from the threshold value required to clea

Schema Name	Property Name (chain)	Type	Telemetry	Description
Sensor	Thresholds.UpperCritical.Reading	number		The threshold value.
Sensor	Thresholds.UpperCriticalUser.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.UpperCriticalUser.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.UpperCriticalUser.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.UpperCriticalUser.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.UpperCriticalUser.Reading	number		The threshold value.
Sensor	Thresholds.UpperFatal.Activation	string		The direction of crossing that activates this threshold.
Sensor	Thresholds.UpperFatal.DwellTime	string		The duration the sensor value must violate the threshold be
Sensor	Thresholds.UpperFatal.HysteresisDuration	string		The duration the sensor value must not violate the threshol
Sensor	Thresholds.UpperFatal.HysteresisReading	number		The reading offset from the threshold value required to clea
Sensor	Thresholds.UpperFatal.Reading	number		The threshold value.
Sensor	UserLabel	string		A user-assigned label.
Sensor	VoltageType	string		The voltage type for this sensor.
StorageControllerMetrics	CorrectableECCErrorCount	integer	Detailed	The number of correctable errors for the lifetime of the men
StorageControllerMetrics	CorrectableParityErrorCount	integer	Detailed	The number of correctable parity errors for the lifetime of th
StorageControllerMetrics	NVMeSMART.AvailableSparePercent	number	Detailed	The normalized percentage of the remaining spare capacity
StorageControllerMetrics	NVMeSMART.AvailableSpareThresholdPercent	number	Detailed	The available spare threshold as a normalized percentage.
StorageControllerMetrics	NVMeSMART.CompositeTemperatureCelsius	number	Detailed	The composite temperature (C).
StorageControllerMetrics	NVMeSMART.ControllerBusyTimeMinutes	integer	Detailed	The total time the controller is busy with I/O commands in r
StorageControllerMetrics	NVMeSMART.CriticalCompositeTempTimeMinutes	integer	Detailed	The amount of time in minutes that the controller has been
StorageControllerMetrics	NVMeSMART.DataUnitsRead	integer	Compact	The number of 512 byte data units the host has read from th
StorageControllerMetrics	NVMeSMART.DataUnitsWritten	integer	Compact	The number of 512 byte data units the host has written to th
StorageControllerMetrics	NVMeSMART.EGCriticalWarningSummary.Namespaces	boolean		An indication of whether namespaces in one or more Endur
StorageControllerMetrics	NVMeSMART.EGCriticalWarningSummary.ReliabilityDeg	boolean		An indication of whether the reliability of one or more Endu
StorageControllerMetrics	NVMeSMART.EGCriticalWarningSummary.SpareCapaci	boolean		An indication of whether the available spare capacity of one
StorageControllerMetrics	NVMeSMART.HostReadCommands	integer	Detailed	The number of SMART Host Read Commands completed by
StorageControllerMetrics	NVMeSMART.HostWriteCommands	integer	Detailed	The number of User Data Out Commands completed by the
StorageControllerMetrics	NVMeSMART.MediaAndDataIntegrityErrors	integer	Detailed	The number of occurrences where the controller detected a
StorageControllerMetrics	NVMeSMART.NumberOfErrorInformationLogEntries	integer	Detailed	The number of error information log entries over the life of t
StorageControllerMetrics	NVMeSMART.PercentageUsed	number	Detailed	The percentage of the NVM subsystem life used.
StorageControllerMetrics	NVMeSMART.PowerCycles	integer	Detailed	The number of power cycles.

Schema Name	Property Name (chain)	Type	Telemetry	Description
StorageControllerMetrics	NVMeSMART.PowerOnHours	number	Detailed	The number of power-on hours.
StorageControllerMetrics	NVMeSMART.TemperatureSensorsCelsius	array	Detailed	The temperature sensor readings in degree Celsius units fo
StorageControllerMetrics	NVMeSMART.TemperatureSensorsCelsius.	number	Detailed	
StorageControllerMetrics	NVMeSMART.ThermalMgmtTemp1TotalTimeSeconds	integer	Detailed	The number of seconds the controller transitioned to lower
StorageControllerMetrics	NVMeSMART.ThermalMgmtTemp1TransitionCount	integer	Detailed	The number of times the controller transitioned to lower po
StorageControllerMetrics	NVMeSMART.ThermalMgmtTemp2TotalTimeSeconds	integer	Detailed	The number of seconds the controller transitioned to lower
StorageControllerMetrics	NVMeSMART.ThermalMgmtTemp2TransitionCount	integer	Detailed	The number of times the controller transitioned to lower po
StorageControllerMetrics	NVMeSMART.UnsafeShutdowns	integer	Detailed	The number of unsafe shutdowns.
StorageControllerMetrics	NVMeSMART.WarningCompositeTempTimeMinutes	integer	Detailed	The amount of time in minutes that the controller has been
StorageControllerMetrics	StateChangeCount	integer	Detailed	The number of state changes for this storage controller.
StorageControllerMetrics	Status.Health	string	Detailed	Common status/health
StorageControllerMetrics	Status.State	string	Detailed	Common status/state
StorageControllerMetrics	UncorrectableECCErrorCount	integer	Compact	The number of uncorrectable errors for the lifetime of the m
StorageControllerMetrics	UncorrectableParityErrorCount	integer	Compact	The number of uncorrectable parity errors for the lifetime of
SwitchMetrics	InternalMemoryMetrics.CurrentPeriod.CorrectableECCE	integer	Compact	The number of correctable errors of memory since reset.
SwitchMetrics	InternalMemoryMetrics.CurrentPeriod.UncorrectableEC	integer	Compact	The number of uncorrectable errors of memory since reset.
SwitchMetrics	InternalMemoryMetrics.LifeTime.CorrectableECCErrorC	integer	Detailed	The number of correctable errors for the lifetime of the men
SwitchMetrics	InternalMemoryMetrics.LifeTime.UncorrectableECCErro	integer	Detailed	The number of uncorrectable errors for the lifetime of the m
SwitchMetrics	Status.Health	string	Detailed	Common status/health
SwitchMetrics	Status.State	string	Detailed	Common status/state
ThermalMetrics	AirFlowCubicMetersPerMinute.Reading	number	Compact	The sensor value.
ThermalMetrics	DeltaPressurekPa.Reading	number	Compact	The sensor value.
ThermalMetrics	EnergykWh.ApparentkVAh	number	Compact	Apparent energy (kVAh).
ThermalMetrics	EnergykWh.LifetimeReading	number	Detailed	The total accumulation value for this sensor.
ThermalMetrics	EnergykWh.ReactivekVARh	number	Compact	Reactive energy (kVARh).
ThermalMetrics	EnergykWh.Reading	number	Compact	The sensor value.
ThermalMetrics	EnergykWh.SensorResetTime	string		The date and time when the time-based properties were las
ThermalMetrics	HeaterSummary.TotalPrePowerOnHeatingTimeSeconds	integer	Detailed	The total number of seconds all the heaters in the thermal s
ThermalMetrics	HeaterSummary.TotalRuntimeHeatingTimeSeconds	integer	Detailed	The total number of seconds all the heaters in the thermal s
ThermalMetrics	PowerWatts.ApparentVA	number	Compact	The product of voltage and current for an AC circuit, in volt-
ThermalMetrics	PowerWatts.PhaseAngleDegrees	number	Detailed	The phase angle (degrees) between the current and voltage

Schema Name	Property Name (chain)	Type	Telemetry	Description
ThermalMetrics	PowerWatts.PowerFactor	number	Detailed	The power factor for this sensor.
ThermalMetrics	PowerWatts.ReactiveVAR	number	Compact	The square root of the difference term of squared apparent
ThermalMetrics	PowerWatts.Reading	number	Compact	The sensor value.
ThermalMetrics	TemperatureReadingsCelsius	array	Compact	The temperatures (in degree Celsius units) from all related
ThermalMetrics	TemperatureReadingsCelsius.DeviceName	string	Compact	The name of the device.
ThermalMetrics	TemperatureReadingsCelsius.PhysicalContext	string		The area or device to which this sensor measurement appli
ThermalMetrics	TemperatureReadingsCelsius.PhysicalSubContext	string		The usage or location within a device to which this sensor n
ThermalMetrics	TemperatureReadingsCelsius.Reading	number	Compact	The sensor value.
ThermalMetrics	TemperatureSummaryCelsius.Ambient.Reading	number	Compact	The sensor value.
ThermalMetrics	TemperatureSummaryCelsius.Exhaust.Reading	number	Compact	The sensor value.
ThermalMetrics	TemperatureSummaryCelsius.Intake.Reading	number	Compact	The sensor value.
ThermalMetrics	TemperatureSummaryCelsius.Internal.Reading	number	Compact	The sensor value.