

«enumeration» MacroPeriodKind
none = 0 billingPeriod = 8 daily = 11 monthly = 13 seasonal = 22 weekly = 24 specifiedPeriod = 32

«enumeration» AggregateKind
none = 0 average = 2 excess = 4 highThreshold = 5 lowThreshold = 7 maximum = 8 minimum = 9 nominal = 11 normal = 12 secondMaximum = 16 secondMinimum = 17 thirdMaximum = 23 fourthMaximum = 24 fifthMaximum = 25 sum = 26

«enumeration» MeasuringPeriodKind
none = 0 tenMinute = 1 fifteenMinute = 2 oneMinute = 3 twentyfourHour = 4 thirtyMinute = 5 fiveMinute = 6 sixtyMinute = 7 twoMinute = 10 threeMinute = 14 present = 15 previous = 16 twentyMinute = 31 fixedBlock60Min = 50 fixedBlock30Min = 51 fixedBlock20Min = 52 fixedBlock15Min = 53 fixedBlock10Min = 54 fixedBlock5Min = 55 fixedBlock1Min = 56 rollingBlock60MinIntvl30MinSubIntvl = 57 rollingBlock60MinIntvl20MinSubIntvl = 58 rollingBlock60MinIntvl15MinSubIntvl = 59 rollingBlock60MinIntvl12MinSubIntvl = 60 rollingBlock60MinIntvl10MinSubIntvl = 61 rollingBlock60MinIntvl6MinSubIntvl = 62 rollingBlock60MinIntvl5MinSubIntvl = 63 rollingBlock60MinIntvl4MinSubIntvl = 64 rollingBlock30MinIntvl15MinSubIntvl = 65 rollingBlock30MinIntvl10MinSubIntvl = 66 rollingBlock30MinIntvl6MinSubIntvl = 67 rollingBlock30MinIntvl5MinSubIntvl = 68 rollingBlock30MinIntvl3MinSubIntvl = 69 rollingBlock30MinIntvl2MinSubIntvl = 70 rollingBlock15MinIntvl5MinSubIntvl = 71 rollingBlock15MinIntvl3MinSubIntvl = 72 rollingBlock15MinIntvl1MinSubIntvl = 73 rollingBlock10MinIntvl5MinSubIntvl = 74 rollingBlock10MinIntvl2MinSubIntvl = 75 rollingBlock10MinIntvl1MinSubIntvl = 76 rollingBlock5MinIntvl1MinSubIntvl = 77

«enumeration» MeasurementKind
none = 0 apparentPowerFactor = 2 currency = 3 current = 4 currentAngle = 5 currentImbalance = 6 date = 7 demand = 8 distance = 9 distortionVoltAmp = 10 energization = 11 energy = 12 energizationLoadSide = 13 fan = 14 frequency = 15 fund = 16 ieee1366ASAI = 17 ieee1366ASIDI = 18 ieee1366ASIFI = 19 ieee1366CAIDI = 20 ieee1366CAIFI = 21 ieee1366CEMIn = 22 ieee1366CEMSMIn = 23 ieee1366CTAIDI = 24 ieee1366MAIFI = 25 ieee1366MAIFle = 26 ieee1366SAIDI = 27 ieee1366SAIFI = 28 lineLoss = 31 loss = 32 negativeSequence = 33 phasorPowerFactor = 34 phasorReactivePower = 35 positiveSequence = 36 power = 37 powerFactor = 38 quantityPower = 40 sag = 41 swell = 42 switchPosition = 43 tapPosition = 44 tariffRate = 45 temperature = 46 totalHarmonicDistortion = 47 transformerLoss = 48 unipedeVoltageDip10to15 = 49 unipedeVoltageDip15to30 = 50 unipedeVoltageDip30to60 = 51 unipedeVoltageDip60to90 = 52 unipedeVoltageDip90to100 = 53 voltage = 54 voltageAngle = 55 voltageExcursion = 56 voltageImbalance = 57 volume = 58 zeroFlowDuration = 59 zeroSequence = 60 distortionPowerFactor = 64 frequencyExcursion = 81 applicationContext = 90 apTitle = 91 assetNumber = 92 bandwidth = 93 batteryVoltage = 94 broadcastAddress = 95 deviceAddressType1 = 96 deviceAddressType2 = 97 deviceAddressType3 = 98 deviceAddressType4 = 99 deviceClass = 100 electronicSerialNumber = 101 endDeviceID = 102 groupAddressType1 = 103 groupAddressType2 = 104 groupAddressType3 = 105 groupAddressType4 = 106 ipAddress = 107 macAddress = 108 mfgAssignedConfigurationID = 109 mfgAssignedPhysicalSerialNumber = 110

«enumeration» AccumulationKind
none = 0 bulkQuantity = 1 continuousCumulative = 2 cumulative = 3 deltaData = 4 indicating = 6 summation = 9 timeDelay = 10 instantaneous = 12 latchingQuantity = 13 boundedQuantity = 14

«enumeration» FlowDirectionKind
none = 0 forward = 1 lagging = 2 leading = 3 net = 4 q1plusQ2 = 5 q1plusQ3 = 7 q1plusQ4 = 8 q1minusQ4 = 9 q2plusQ3 = 10 q2plusQ4 = 11 q2minusQ3 = 12 q3plusQ4 = 13 q3minusQ2 = 14 quadrant1 = 15 quadrant2 = 16 quadrant3 = 17 quadrant4 = 18 reverse = 19 total = 20 totalByPhase = 21

«enumeration» CommodityKind
none = 0 electricitySecondaryMetered = 1 electricityPrimaryMetered = 2 communication = 3 air = 4 insulativeGas = 5 insulativeOil = 6 naturalGas = 7 propane = 8 potableWater = 9 steam = 10 wasteWater = 11 heatingFluid = 12 coolingFluid = 13 nonpotableWater = 14 nox = 15 so2 = 16 ch4 = 17 co2 = 18 carbon = 19 hch = 20 pfc = 21 sf6 = 22 tvLicence = 23 internet = 24 refuse = 25

mfgAssignedProductNumber = 111
mfgAssignedUniqueCommunicationAddress = 112
multiCastAddress = 113
oneWayAddress = 114
signalStrength = 115
twoWayAddress = 116
signaltoNoiseRatio = 117
alarm = 118
batteryCarryover = 119
dataOverflowAlarm = 120
demandLimit = 121
demandReset = 122
diagnostic = 123
emergencyLimit = 124
encoderTamper = 125
ieee1366MomentaryInterruption = 126
ieee1366MomentaryInterruptionEvent = 127
ieee1366SustainedInterruption = 128
interruptionBehaviour = 129
inversionTamper = 130
loadInterrupt = 131
loadShed = 132
maintenance = 133
physicalTamper = 134
powerLossTamper = 135
powerOutage = 136
powerQuality = 137
powerRestoration = 138
programmed = 139
pushbutton = 140
relayActivation = 141
relayCycle = 142
removalTamper = 143
reprogrammingTamper = 144
reverseRotationTamper = 145
switchArmed = 146
switchDisabled = 147
tamper = 148
watchdogTimeout = 149
billLastPeriod = 150
billToDate = 151
billCarryover = 152
connectionFee = 153
audibleVolume = 154
volumetricFlow = 155