On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	Environment.ChangedStatus.CommunicationLost	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	Environment.ChangedStatus.OverHumidity	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	Environment.ChangedStatus.OverTemperature	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	Environment.Humidity	Measure	Float:0..6553.5	Measured Humidity on environment probe. It is 0 when no probe is connected or when the probe does not have a humidity sensor.	d%	RO
x	x	x	x	Environment.Input[1].ChangedStatus.Alarm	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	Environment.Input[1].iName	String[31]	String[31]	Contact 1 friendly name	-	RW
x	x	x	x	Environment.Input[1].PresentStatus.Alarm	AlarmL1	0: Normal 1: Alarm	Dry Contact alarm, it is set according to the dry contact State and the parameter State[0] or [1].Level 0 : Alarm not active 1 : Alarm active Ex : State=0 AND State[0].Level=3 then Alarm=1	-	RO
x	x	x	x	Environment.Input[1].PresentStatus.State	Measure	0: Open 1: Closed	Dry Contact state. 0 : Open 1 : Close	-	RO
x	x	x	x	Environment.Input[1].State[0].Level	Parameter	1: Open position is informational 3: Open position is alarm	Dry contact Config : 1 : Open makes just informational 0 into State. 2 : Open makes Warning trap 3 : Open makes Alarm trap	-	RW
x	x	x	x	Environment.Input[1].State[1].Level	Parameter	1: Closed position is informational 3: Closed position is alarm	Dry contact Config : 1 : Close makes just informational 0 into State. 2 : Close makes Warning trap 3 : Close makes Alarm trap	-	RW
x	x	x	x	Environment.Input[2].ChangedStatus.Alarm	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	Environment.Input[2].iName	String[31]	String[31]	Contact 2 friendly name	-	RW
x	x	x	x	Environment.Input[2].PresentStatus.Alarm	AlarmL1	0: Normal 1: Alarm	Dry Contact alarm, it is set according to the dry contact State and the parameter State[0] or [1].Level 0 : Alarm not active 1 : Alarm active Ex : State=0 AND State[0].Level=3 then Alarm=1	-	RO
x	x	x	x	Environment.Input[2].PresentStatus.State	Measure	0: Open 1: Closed	Dry Contact state. 0 : Open 1 : Close	-	RO
x	x	x	x	Environment.Input[2].State[0].Level	Parameter	1: Open position is informational 3: Open position is alarm	Dry contact Config : 1 : Open makes just informational 0 into State. 2 : Open makes Warning trap 3 : Open makes Alarm trap	-	RW
x	x	x	x	Environment.Input[2].State[1].Level	Parameter	1: Closed position is informational 3: Closed position is alarm	Dry contact Config : 1 : Close makes just informational 0 into State. 2 : Close makes Warning trap 3 : Close makes Alarm trap	-	RW

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	Environment.OverHumidity[1].Threshold	Parameter	Float:0..6553.5	Humidity Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d%	RW
x	x	x	x	Environment.OverHumidity[2].Threshold	Parameter	Float:0..6553.5	Humidity Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d%	RW
x	x	x	x	Environment.OverHumidity[3].Threshold	Parameter	Float:0..6553.5	Humidity Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d%	RW
x	x	x	x	Environment.OverHumidity[4].Threshold	Parameter	Float:0..6553.5	Humidity Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d%	RW
x	x	x	x	Environment.OverTemperature[1].Threshold	Parameter	Float:0..6553.5	Temperature Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d°K	RW
x	x	x	x	Environment.OverTemperature[2].Threshold	Parameter	Float:0..6553.5	Temperature Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d°K	RW
x	x	x	x	Environment.OverTemperature[3].Threshold	Parameter	Float:0..6553.5	Temperature Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d°K	RW
x	x	x	x	Environment.OverTemperature[4].Threshold	Parameter	Float:0..6553.5	Temperature Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	d°K	RW
x	x	x	x	Environment.PresentStatus.CommunicationLost	AlarmL1	0: Normal 1: Alarm	0 : OK 1 : Communication failure with the sensor probe (or probe not present)	-	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	Environment.PresentStatus.OverHumidity	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	Environment.PresentStatus.OverTemperature	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	Environment.PresentStatus.Present	Measure	0: Probe not connected 1: Probe connected	0 : Sensor probe not connected. 1 : Sensor probe connected.	-	RO
x	x	x	x	Environment.Temperature	Measure	Float:0..6553.5	Measured Temperature on environment probe. It is 0 when no probe is connected.	d°K	RO
x	x	x	x	PDU.DaisyChain[x].ChangedStatus.CommunicationLost	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.DaisyChain[x].iName	String[15]	String[7]	Daisy chain friendly name.	-	RO
x	x	x	x	PDU.DaisyChain[x].PresentStatus.CommunicationLost	AlarmL1	0: Normal 1: Alarm	Communication with daisy chained device has failed.	-	RO
x	x	x	x	PDU.Gang.Count	Constant	Integer:1..12	Number of sections/breakers in the PDU.	-	RO
x	x	x	x	PDU.Gang[x].ActivePower	Measure	Float:0..214748364.7	PDU.Input[u] collection contains the PDU Input data with [u] = 1 : Input 1 of the PDU 2 : Input 2 of the PDU(in case of Dual Input) Active Power provided by the breaker/section. If it's a double pole breaker, it cumulates the two poles active power.	dW	RO
x	x	x	x	PDU.Gang[x].ApparentPower	Measure	Float:0..214748364.7	Apparent Power provided by the breaker/section. If it's a double pole breaker, it cumulates the two poles apparent power.	dVA	RO
x	x	x	x	PDU.Gang[x].BkgColor	Parameter	Integer:0..16777215	Background color of the gang labelling that is on the PDU mechanic.	-	RO
x	x	x	x	PDU.Gang[x].ChangedStatus.OverCurrent	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.Gang[x].ChangedStatus.OverVoltage	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.Gang[x].ChangedStatus.Tripped	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.Gang[x].ConfigCurrent	Constant	Float:0..65.535	Nominal Amps : 10 A, 16A, 20A, .. Usefull for both breaker and outlet section.	mA	RO
x	x	x	x	PDU.Gang[x].Current	Measure	Float:0..65.535	Current provided by the breaker/section. If it's a double pole section, it is calculated as the max of the two poles current or the cumulation, depending of the section type.	mA	RO
x		x		PDU.Gang[x].EWEntity.Importance	Parameter	Integer:1..100	Energy Wise Importance	-	RW
x		x		PDU.Gang[x].EWEntity.Keyword	String[31]	String[31]	Energy Wise Keyword	-	RW
x		x		PDU.Gang[x].EWEntity.Level	Parameter	Integer:0..10	Energy Wise Level	-	RW
x		x		PDU.Gang[x].EWEntity.Role	String[31]	String[31]	Energy Wise Role	-	RW
x	x	x	x	PDU.Gang[x].GangID	Constant	Integer:1..12	Breaker ID = x(1,2,..)	-	RO
x	x	x	x	PDU.Gang[x].iDesignator	String[7]	String[7]	Labelling of the gang that is shown on the mechanic of the PDU.	-	RO
x	x	x	x	PDU.Gang[x].iName	String[31]	String[31]	Breaker/section friendly name.	-	RW

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	PDU.Gang[x].InputID	Constant	Integer:1..2	Identify which Input is powering the group. It is usefull when the PDU is dual Input.	-	RO
x	x	x	x	PDU.Gang[x].OverCurrent[1].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
x	x	x	x	PDU.Gang[x].OverCurrent[3].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
x	x	x	x	PDU.Gang[x].OverCurrent[4].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
x	x	x	x	PDU.Gang[x].OverVoltage[1].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Gang[x].OverVoltage[2].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Gang[x].OverVoltage[3].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Gang[x].OverVoltage[4].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Gang[x].PeakFactor	Measure	Float:0..65.535	Crest factor of the current provided by the breaker/section. If it's a double pole section, it is calculated as the max of the two poles crest factor.	m%	RO
x	x	x	x	PDU.Gang[x].PercentLoad	Measure	Integer:0..255	Percent load consumed by the breaker/section. It is the ratio : current consumed / the nominal current.	%	RO
x	x	x	x	PDU.Gang[x].PhaseID	Constant	Integer:1..3	Phase number that is connected to the breaker/section : 1, 2 or 3. If it's a double pole breaker, it is ij. Ex : 12 if the 2 phases are L1 and L2.	-	RO
x	x	x	x	PDU.Gang[x].Pole[1].ActivePower	HideMeasure	Float:0..214748364.7	Active Power provided by the pole.	dW	RO
x	x	x	x	PDU.Gang[x].Pole[1].ApparentPower	HideMeasure	Float:0..214748364.7	Apparent Power provided by the pole.	dVA	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	PDU.Gang[x].Pole[1].Current	HideMeasure	Float:0..65.535	Current provided by the pole.	mA	RO
x	x	x	x	PDU.Gang[x].Pole[1].PeakFactor	HideMeasure	Float:0..65.535	Crest factor of the current provided by the pole.	m%	RO
x	x	x	x	PDU.Gang[x].Pole[1].PhaseID	Constant	Integer:1..3	Phase number that is connected to the pole : 1, 2 or 3.	-	RO
x	x	x	x	PDU.Gang[x].Pole[1].PowerFactor	HideMeasure	Float:-32.767..32.767	Ratio of active power / apparent power provided by the pole of the breaker or outlet section.	m%	RO
x	x	x	x	PDU.Gang[x].Pole[1].ReactivePower	HideMeasure	Float:0..214748364.7	Reactive Power provided by the pole.	dVAR	RO
x	x	x	x	PDU.Gang[x].Pole[1].Statistic[5].Energy	HideMeasure	Integer:0..2147483647000	Energy counter since last reset. When it is reset to 0 then at the same time the related timestamp is updated with the current RTC value.	Wh	RO
x	x	x	x	PDU.Gang[x].Pole[1].Voltage	HideMeasure	Float:0..655.35	Voltage Measured on the pole.	cV	RO
x	x	x	x	PDU.Gang[x].Pole[2].ActivePower	HideMeasure	Float:0..214748364.7	Active Power provided by the pole.	dW	RO
x	x	x	x	PDU.Gang[x].Pole[2].ApparentPower	HideMeasure	Float:0..214748364.7	Apparent Power provided by the pole.	dVA	RO
x	x	x	x	PDU.Gang[x].Pole[2].Current	HideMeasure	Float:0..65.535	Current Power provided by the pole.	mA	RO
x	x	x	x	PDU.Gang[x].Pole[2].PeakFactor	HideMeasure	Float:0..65.535	Crest factor of the current provided by the pole.	m%	RO
x	x	x	x	PDU.Gang[x].Pole[2].PhaseID	Constant	Integer:1..3	Phase number that is connected to the pole : 1, 2 or 3.	-	RO
x	x	x	x	PDU.Gang[x].Pole[2].PowerFactor	HideMeasure	Float:-32.767..32.767	Ratio of active power / apparent power provided by the pole of the breaker or outlet section.	m%	RO
x	x	x	x	PDU.Gang[x].Pole[2].ReactivePower	HideMeasure	Float:0..214748364.7	Reactive Power provided by the pole.	dVAR	RO
x	x	x	x	PDU.Gang[x].Pole[2].Statistic[5].Energy	HideMeasure	Integer:0..2147483647000	Energy counter since last reset. When it is reset to 0 then at the same time the related timestamp is updated with the current RTC value.	Wh	RO
x	x	x	x	PDU.Gang[x].Pole[2].Voltage	HideMeasure	Float:0..655.35	Voltage Measured on the pole.	cV	RO
x	x	x	x	PDU.Gang[x].PowerFactor	Measure	Float:-32767..32.767	Ratio of active power / apparent power provided by the breaker or outlet section.	m%	RO
x	x	x	x	PDU.Gang[x].PresentStatus.OverCurrent	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	PDU.Gang[x].PresentStatus.OverVoltage	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	PDU.Gang[x].PresentStatus.Tripped	AlarmL1	0: Normal 1: Alarm	0 : Breaker closed 1 : Breaker tripped (or open)	-	RO
x	x	x	x	PDU.Gang[x].ReactivePower	Measure	Float:0..214748364.7	Reactive Power provided by the breaker/section. If it's a double pole breaker, it cumulates the two poles reactive power.	dVAR	RO
x	x	x	x	PDU.Gang[x].Statistic[3].Current	Measure	Float:0..65.535	Current peak consumption since last reset. When it is reset to 0 then at the same time the related timestamp is updated with the current RTC value. When it is detected higher than the value stored, so it overwrites it.	mA	RO
x	x	x	x	PDU.Gang[x].Statistic[3].ModuleReset	Command	0: No command 1: Reset the statistic	Command to Reset the stat, this command put 0 in the max and saves the current value of Time into the data …Reset.Time.	-	RW
x	x	x	x	PDU.Gang[x].Statistic[3].Reset.Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the moment where the stat reset is done.	s	RO
x	x	x	x	PDU.Gang[x].Statistic[3].Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the moment where the current peak consumption is reset.	s	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	PDU.Gang[x].Statistic[5].Energy	Measure	Integer:0..2147483647000	Energy counter since ePDU start. If it's a double pole breaker, it is calculated as the cumul of the two poles energy counter.	Wh	RO
x	x	x	x	PDU.Gang[x].Statistic[5].ModuleReset	Command	0: No command 1: Reset the statistic	Command to Reset the stat, this command makes 2 actions : -Saves the current energy into …Reset.Energy. -Saves the current RTC into …Reset.Time.	-	RW
x	x	x	x	PDU.Gang[x].Statistic[5].Reset.Energy	Measure	Integer:0..2147483647000	Energy saved at the instant the user resets the stat.	Wh	RO
x	x	x	x	PDU.Gang[x].Statistic[5].Reset.Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the instant the user resets the stat.	s	RO
x	x	x	x	PDU.Gang[x].TxtColor	Parameter	Integer:0..16777215	Foreground color of the gang labelling that is on the PDU mechanic.	-	RO
x	x	x	x	PDU.Gang[x].Type	Constant	1 : Section of outlets (with 1 measurement) 2,3 : Section of outlets (with 2 measurements) 4 : Breaker 1 pole 5 : Breaker 2 pole (with 1 pole measurement) 6,7 : Breaker 2 pole (with 2 pole measurements) 8 : Section of outlets (without current measurement)	Type of the gang : 1 : Section of outlets (with 1 measurement) 2 : Section of outlets (with 2 measurement, 1st method of wiring CT, current is max of 2 pole measures) 3 : Section of outlets (with 2 measurement, 2nd method of wiring CT, current is sum of 2 pole measures) 4 : Breaker 1 pole 5 : Breaker 2 pole (with 1 pole measurement) 6 : Breaker 2 pole (with 2 pole measurement, 1st method of wiring CT, current is max of 2 pole measures) 7 : Breaker 2 pole (with 2 pole measurement, 2nd method(PQNA) of wiring CT, , current is sum of 2 pole measures) 8 : Section of outlets (without current measurement) 9 : Section of outlets (with current and voltage measurement)	-	RO
x	x	x	x	PDU.Gang[x].Voltage	Measure	Float:0..655.35	Voltage Measured on the breaker/section. If it's a double pole breaker, it's the Li to Lj voltage.	cV	RO
x	x	x	x	PDU.Input[1].ActivePower	Measure	Float:0..214748364.7	Active Power Measurement. It's the cumul of 1 or 3 phase measures.	dW	RO
x	x	x	x	PDU.Input[1].ApparentPower	Measure	Float:0..214748364.7	Apparent Power Measurement. It's the cumul of 1 or 3 phase measures.	dVA	RO
x	x	x	x	PDU.Input[1].ChangedStatus.FrequencyOutOfRange	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.Input[1].Frequency	Measure	Float:0..6553.5	Frequency Measurement.	dHz	RO
x	x	x	x	PDU.Input[1].Mode	Constant	0: Wye Measuring 1: Delta Measuring 2: Wye Current and Delta Measuring	Wiring Mode 0: Wye Measuring 1: Delta Measuring 2 : Wye Current and Delta Measuring	-	RO
x	x	x	x	PDU.Input[1].Phase.Count	Constant	Integer:1..3	Number of phase managed by the Input module.	-	RO
x	x	x	x	PDU.Input[1].Phase[x].ActivePower	Measure	Float:0..214748364.7	Active Power Measurement.	dW	RO
x	x	x	x	PDU.Input[1].Phase[x].ApparentPower	Measure	Float:0..214748364.7	Apparent Power Measurement.	dVA	RO
x	x	x	x	PDU.Input[1].Phase[x].ChangedStatus.OverCurrent	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.Input[1].Phase[x].ChangedStatus.OverVoltage	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.Input[1].Phase[x].Current	Measure	Float:0..65.535	Current Measurement.	mA	RO
x	x	x	x	PDU.Input[1].Phase[x].iDesignator	String[7]	String[7]	Labelling of the phase that is shown on the mechanic of the PDU.	-	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	PDU.Input[1].Phase[x].OverCurrent[1].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
x	x	x	x	PDU.Input[1].Phase[x].OverCurrent[3].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
x	x	x	x	PDU.Input[1].Phase[x].OverCurrent[4].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
x	x	x	x	PDU.Input[1].Phase[x].OverVoltage[1].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Input[1].Phase[x].OverVoltage[2].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Input[1].Phase[x].OverVoltage[3].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Input[1].Phase[x].OverVoltage[4].Threshold	Parameter	Float:0..655.35	Voltage Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	cV	RW
x	x	x	x	PDU.Input[1].Phase[x].PeakFactor	Measure	Float:0..65.535	Crest factor of the current provided by the phase.	m%	RO
x	x	x	x	PDU.Input[1].Phase[x].PercentLoad	Measure	Integer:0..255	Percent load consumed on the phase. It is the ratio : current consumed / the nominal current of the PDU.	%	RO
x	x	x	x	PDU.Input[1].Phase[x].PhaseID	Constant	Integer:1..3	Phase ID identifier depending of the wiring : 1 : Line 1 to Neutral 2 : Line 2 to Neutral 3 : Line 3 to Neutral 12 : Line 1 to Line 2 23 : Line 2 to Line 3 31 : Line 3 to Line 1	-	RO
x	x	x	x	PDU.Input[1].Phase[x].PowerFactor	Measure	Float:-32.767..32.767	Ratio of active power / apparent power provided by the phase. Value 0 to 100 for Cos PHI = 0.00 to 1.00	m%	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	PDU.Input[1].Phase[x].PresentStatus.OverCurrent	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	PDU.Input[1].Phase[x].PresentStatus.OverVoltage	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	PDU.Input[1].Phase[x].ReactivePower	Measure	Float:0..214748364.7	Reactive Power Measurement.	dVAR	RO
x	x	x	x	PDU.Input[1].Phase[x].Statistic[5].Energy	Measure	Integer:0..2147483647000	Energy counter since last reset. When it is reset to 0 then at the same time the related timestamp is updated with the current RTC value.	Wh	RO
x	x	x	x	PDU.Input[1].Phase[x].Statistic[5].ModuleReset	Command	0: No command 1: Reset the statistic	Command to Reset the stat, this command makes 2 actions : -Saves the current energy into …Reset.Energy. -Saves the current RTC into …Reset.Time.	-	RW
x	x	x	x	PDU.Input[1].Phase[x].Statistic[5].Reset.Energy	Measure	Integer:0..2147483647000	Energy counter saved at last reset. When it is reset, at the same time the related timer updated with PDU timer since 1st restart.	Wh	RO
x	x	x	x	PDU.Input[1].Phase[x].Statistic[5].Reset.Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the moment where the energy counter related to is reset.	s	RO
x	x	x	x	PDU.Input[1].Phase[x].Voltage	Measure	Float:0..655.35	Voltage Measurement.	cV	RO
x	x	x	x	PDU.Input[1].PowerFactor	Measure	Float:-32.767..32.767	Ratio of active power / apparent power provided by the input. Value 0 to 100 for Cos PHI = 0.00 to 1.00	m%	RO
x	x	x	x	PDU.Input[1].PresentStatus.FrequencyOutOfRange	AlarmL1	0: Normal 1: Alarm	0 : Frequency OK 1 : Frequency is out of +/- 3Hz tolerance	-	RO
x	x	x	x	PDU.Input[1].ReactivePower	Measure	Float:0..214748364.7	Reactive Power Measurement. It's the cumul of 1 or 3 phase measures.	dVAR	RO
x	x	x	x	PDU.Input[1].Statistic[3].ActivePower	Measure	Float:0..214748364.7	Power peak consumption since last reset. When it is reset to 0 then at the same time the related timestamp is updated with the current RTC value. When it is detected higher than the value stored, so it overwrites it.	dW	RO
x	x	x	x	PDU.Input[1].Statistic[3].ModuleReset	Command	0: No command 1: Reset the statistic	Command to Reset the stat, this command put 0 in the max and saves the current value of Timer into the data …Timer and into …Reset.Timer.	-	RW
x	x	x	x	PDU.Input[1].Statistic[3].Reset.Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the moment where the statistic is reset.	s	RO
x	x	x	x	PDU.Input[1].Statistic[3].Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the moment where the statistic is reset.	s	RO
x	x	x	x	PDU.Input[1].Statistic[5].Energy	Measure	Integer:0..2147483647000	Energy counter since last reset. When it is reset to 0 then at the same time the related timestamp is updated with the current RTC value. It cumulates the energy consumed on 1 or 3 phases.	Wh	RO
x	x	x	x	PDU.Input[1].Statistic[5].ModuleReset	Command	0: No command 1: Reset the statistic	Command to Reset the stat, this command makes 2 actions : -Saves the current energy into …Reset.Energy. -Saves the current RTC into …Reset.Time.	s	RW
x	x	x	x	PDU.Input[1].Statistic[5].Reset.Energy	Measure	Integer:0..2147483647000	Energy saved at the instant the user resets the stat.	Wh	RO
x	x	x	x	PDU.Input[1].Statistic[5].Reset.Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the instant the user resets the stat.	s	RO
x	x	x	x	PDU.Input[1].Type	Constant	Integer:0..255	Enum all the kind of Input plug that a ePDU can have : 1=?	-	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	PDU.MeasurementBoard.Gateway.Address	HideMeasure	Integer:0..255	Address of the teridian module to be accessed.	-	RW
x	x	x	x	PDU.MeasurementBoard.Gateway.Command	HideMeasure	0: No command 1: Read 2: Write	Write : command to the Gateway 0 : None 1 : Read 2 : Write Read : return the CR of last command to the Gateway : 0 : Success <> 0 , Access failed for below reason : 1 : Command Unknown 2 : Gateway not enabled 3 : Address out of range 4 : Register out of range 5 : Count out of range 6 : Read failed 7 : Write failed	-	RW
x	x	x	x	PDU.MeasurementBoard.Gateway.Count	HideMeasure	Integer:0..8	Number of 32 bits data to be read or write in consecutive READ or WRITE request. 1 up to 8.	-	RW
x	x	x	x	PDU.MeasurementBoard.Gateway.Register	HideMeasure	Integer:0..65535	Adress of the register to be read or write.	-	RW
x	x	x	x	PDU.MeasurementBoard.Gateway.Switchable	HideMeasure	0: Disabled 1: Enabled	0 : The gateway is disabled 1 : The gateway is enabled	-	RW
x	x	x	x	PDU.MeasurementBoard.Gateway[x].Value	HideMeasure	Integer:0..2147483647	1 up to 8 consecutives register value can be read or write with the gateway in one request. Follow the steps to read registers from the board : - Write 1 in Command - Read Command, check it is 0 - Read the data that had been read into Value Follow the steps to write registers to the board : - Write the data that must be written into Value - Write 2 in Command - Read Command, check it is 0	-	RW
x	x	x	x	PDU.MeasurementBoard[x].PresentStatus.CommunicationLost	Measure	0: Normal 1: Alarm	Communication status with the acquisition card ICM & SM : 0: Communication OK 1: Communication failed.	-	RO
x	x	x	x	PDU.OutletSystem.Outlet.Count	Constant	Integer:0..255	Total Number of outlets	-	RO
	x		x	PDU.OutletSystem.Outlet[x].ActivePower	Measure	Float:0..214748364.7	Active Power Measurement	dW	RO
	x		x	PDU.OutletSystem.Outlet[x].ApparentPower	Measure	Float:0..214748364.7	Apparent Power Measurement	dVA	RO
	x		x	PDU.OutletSystem.Outlet[x].AutomaticRestart	Parameter	0: not powered at startup 1: powered at startup 2: Last known state at startup	0 : not restart at device startup 1 : should sequence back ON in line with PDU.Outlet[u].RestartTimer 2 : should take the state the outlet had when power was lost. If the state was ON, should sequence back ON in line with the outlet RestartTimer.	-	RW
	x		x	PDU.OutletSystem.Outlet[x].ChangedStatus.OverCurrent	Timestamp	Integer:0..4294967295(136 years)	Timestamp of last changing state of the alarm that has the same name in the collection PresentStatus.	s	RO
x	x	x	x	PDU.OutletSystem.Outlet[x].ConfigCurrent	Constant	Float:0..65.535	Nominal Amps : 10A, 15A, 16A, 20A, ..	mA	RO
	x		x	PDU.OutletSystem.Outlet[x].Current	Measure	Float:0..65.535	Current Measurement	mA	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
		x	x	PDU.OutletSystem.Outlet[x].DelayBeforeShutdown	Command	Integer:-1..32767	0-n: Delayed shutoff -1: Cancel / No action When read, returns the downcount.	s	RW
		x	x	PDU.OutletSystem.Outlet[x].DelayBeforeStartup	Command	Integer:-1..2147483647	0-n: Delayed restart -1: Cancel / No action When read, returns the downcount.	s	RW
	x	x	x	PDU.OutletSystem.Outlet[x].EWEntity.Importance	Parameter	Integer:1..100	Energy Wise Importance	-	RW
	x	x	x	PDU.OutletSystem.Outlet[x].EWEntity.Keyword	String[31]	String[31]	Energy Wise Keyword	-	RW
	x	x	x	PDU.OutletSystem.Outlet[x].EWEntity.Level	Parameter	Integer:0..10	Energy Wise Level	-	RW
	x	x	x	PDU.OutletSystem.Outlet[x].EWEntity.Role	String[31]	String[31]	Energy Wise Role	-	RW
x	x	x	x	PDU.OutletSystem.Outlet[x].GangID	Constant	Integer:1..12	Breaker/section index where the Outlet is connected to. It is the x of Gang[x] collection.	-	RO
x	x	x	x	PDU.OutletSystem.Outlet[x].iDesignator	String[7]	String[7]	Labelling of the outlet that is shown on the mechanic of the PDU.	-	RO
x	x	x	x	PDU.OutletSystem.Outlet[x].iName	String[31]	String[31]	Outlet friendly name.	-	RW
x	x	x	x	PDU.OutletSystem.Outlet[x].OutletID	Constant	Integer:1..255	Numerotation of the outlet into the breaker/section module : it can be 1 up to 56.	-	RO
	x		x	PDU.OutletSystem.Outlet[x].OverCurrent[1].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
	x		x	PDU.OutletSystem.Outlet[x].OverCurrent[3].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
	x		x	PDU.OutletSystem.Outlet[x].OverCurrent[4].Threshold	Parameter	Float:0..65.535	Current Threshold with [v] = : 1 : Low warning 2 : Low critical 3 : High warning 4 : High critical	mA	RW
	x		x	PDU.OutletSystem.Outlet[x].PeakFactor	Measure	Float:0..65.535	Crest factor of the current that is provided by the outlet.	m%	RO
x	x	x	x	PDU.OutletSystem.Outlet[x].PhaseID	Constant	Integer:1..3	Phase ID that powers the outlet : - 1,2,3 to identify a simple phase. - 12, 23, 31 to identify a composed phase.	-	RO
x	x	x	x	PDU.OutletSystem.Outlet[x].PoleID	Constant	Integer:1..2	Pole ID of the breaker/section where the Outlet is connected to, 2 cases : - Section or Single pole breaker, always 0. - Double pole breaker : 0 when powered in between 2 poles 1 when powered by pole 1 voltage. 2 when powered by pole 2 voltage.	-	RO
	x		x	PDU.OutletSystem.Outlet[x].PowerFactor	Measure	Float:-32.767..32.767	Power factor of the current provided by the phase. Value 0 to 100 for Cos PHI = 0.00 to 1.00	m%	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
	x		x	PDU.OutletSystem.Outlet[x].PresentStatus.OverCurrent	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	PDU.OutletSystem.Outlet[x].PresentStatus.SwitchOnOff	Measure	0: Off 1: On	0: Outlet not powered 1: Outlet powered	-	RO
	x		x	PDU.OutletSystem.Outlet[x].ReactivePower	Measure	Float:0..214748364.7	Reactive power measurement.	dVAR	RO
		x	x	PDU.OutletSystem.Outlet[x].Schedule.Interval	Parameter	Integer:0..4294967295(136 years)	Schedule periodicity.	-	RW
		x	x	PDU.OutletSystem.Outlet[x].Schedule.Switchable	Parameter	Integer:0..255	0 : The outlet schedule is disabled 1 : The outlet schedule is enabled	-	RW
		x	x	PDU.OutletSystem.Outlet[x].Schedule[1].Command	Parameter	Integer:0..255	Schedule 1 command : 0 : none 1 : ON 2 : OFF 3 : REBOOT	-	RW
		x	x	PDU.OutletSystem.Outlet[x].Schedule[1].SMBSelectorState	Parameter	One bit per day in the week where the schedule is applied : b0: Sunday b1: Monday b2: Tuesday b3: Wednesday b4: Thursday b5: Friday b6: Saturday	8-bit bitmap predefined to manage the days in the week the schedule will be applied as detailed in binary below : -------x : Sunday ------x- : Monday -----x-- : Tuesday ----x--- : Wednesday ---x---- : Thursday --x----- : Friday -x------ : Saturday	-	RW
		x	x	PDU.OutletSystem.Outlet[x].Schedule[1].Time	Parameter	Integer:0..4294967295(136 years)	Next time the command will be applied.	-	RW
		x	x	PDU.OutletSystem.Outlet[x].Schedule[2].Command	Parameter	Integer:0..255	Schedule 1 command : 0 : none 1 : ON 2 : OFF 3 : REBOOT	-	RW
		x	x	PDU.OutletSystem.Outlet[x].Schedule[2].SMBSelectorState	Parameter	One bit per day in the week where the schedule is applied : b0: Sunday b1: Monday b2: Tuesday b3: Wednesday b4: Thursday b5: Friday b6: Saturday	8-bit bitmap predefined to manage the days in the week the schedule will be applied as detailed in binary below : -------x : Monday ------x- : Tuesday -----x-- : Wednesday ----x--- : Thursday ---x---- : Friday --x----- : Saturday -x------ : Sunday	-	RW
		x	x	PDU.OutletSystem.Outlet[x].Schedule[2].Time	Parameter	Integer:0..4294967295(136 years)	Next time the command will be applied.	-	RW
		x	x	PDU.OutletSystem.Outlet[x].StartupTimer	Parameter	Integer:0..65535	0-n: Time before startup outlet when the device restarts. Setting this parameter to max should be consider as the outlet does no restart.	s	RW
	x		x	PDU.OutletSystem.Outlet[x].Statistic[5].Energy	Measure	Integer:0..2147483647000	Energy counter since last reset. When it is reset to 0 then at the same time the related timestamp is updated with the current RTC value.	Wh	RO

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
	x		x	PDU.OutletSystem.Outlet[x].Statistic[5].ModuleReset	Command	0: No command 1: Reset the statistic	Command to Reset the stat, this command makes 2 actions : -Saves the current energy into …Reset.Energy. -Saves the current RTC into …Reset.Time.	-	RW
	x		x	PDU.OutletSystem.Outlet[x].Statistic[5].Reset.Energy	Measure	Integer:0..2147483647000	Energy saved at the instant the user resets the stat.	Wh	RO
	x		x	PDU.OutletSystem.Outlet[x].Statistic[5].Reset.Time	Measure	Integer:0..4294967295(136 years)	Timestamp saved at the instant the user resets the stat.	s	RO
		x	x	PDU.OutletSystem.Outlet[x].Switchable	Parameter	0: Disabled 1: Enabled	0 : The outlet is not switchable 1 : The outlet is switchable It is not dependant of the capability of the ePDU SW or not. It's a parameter that the user can set to authorise or not switching independently on each outlet.	-	RW
		x	x	PDU.OutletSystem.Outlet[x].ToggleControl	Command	0: No command 1: Reboot	Makes the outlet reboot during the time configured in ToggleTimer. If the outlet is currently On, then it shutoffs and restart. If the outlet is currently Off, then it will restsrt after the time.	-	RW
		x	x	PDU.OutletSystem.Outlet[x].ToggleTimer	Parameter	Integer:0..65535	Cycle time Off when the ToggleControl command is runned.	s	RW
x	x	x	x	PDU.OutletSystem.Outlet[x].Type	Constant	Integer:0..255	Enum all the kind of outlets that a ePDU can have : unknown (0), iecC13 (1), iecC19 (2), uk (10), french (11), schuko (12), nema515 (20), ema51520 (21), nema520 (22), nemaL520 (23), nemaL530 (24), nema615 (25), nema620 (26), nemaL620 (27), nemaL630 (28)	-	RO
x	x	x	x	PDU.PowerSummary.ChangedStatus.CommunicationLost	Timestamp	Integer:0..4294967295(136 years)	Communication intra modules has failed.	s	RO
x	x	x	x	PDU.PowerSummary.ConfigActivePower	Constant	Integer:0..65535	PDU Nominal Active Power	W	RO
x	x	x	x	PDU.PowerSummary.ConfigCurrent	Constant	Float:0..65.535	PDU PDU total rating current.	mA	RO
x	x	x	x	PDU.PowerSummary.ConfigVoltage	Constant	Integer:0..65535	PDU rating voltage.	V	RO
	x		x	PDU.PowerSummary.DelayBeforeShutdown	Command		Delay before the outlets of the PDU shutdown. 1 to n: Delayed action 0 : Immediat action -1: Cancel/No action	s	RW
	x		x	PDU.PowerSummary.DelayBeforeStartup	Command		Delay before the outlets of the PDU restart. 1 to n: Delayed action 0 : Immediat action -1: Cancel/No action	s	RW
x	x	x	x	PDU.PowerSummary.EWEntity.Importance	Parameter	Integer:1..100	Energy Wise Importance	-	RW
x	x	x	x	PDU.PowerSummary.EWEntity.Keyword	String[31]	String[31]	Energy Wise Keyword	-	RW
x	x	x	x	PDU.PowerSummary.EWEntity.Level	Parameter	Integer:0..10	Energy Wise Level	-	RO
x	x	x	x	PDU.PowerSummary.EWEntity.Role	String[31]	String[31]	Energy Wise Role	-	RW

On ePDU MI/IL	On ePDU MO	On ePDU SW	On ePDU MA	XML Object Name	Data Type	Data Detail	Description	Unit	Access
x	x	x	x	PDU.PowerSummary.iManufacturer	String[31]	String[31]	Manufacturer name, Example : "EATON"	-	RO
x	x	x	x	PDU.PowerSummary.iName	String[31]	String[31]	Unit friendly name	-	RW
x	x	x	x	PDU.PowerSummary.iPartNumber	String[15]	String[15]	Part Number	-	RO
x	x	x	x	PDU.PowerSummary.iProduct	String[63]	String[63]	Product name	-	RO
x	x	x	x	PDU.PowerSummary.iReferenceNumber	String[31]	String[31]	Technical Reference of firmware	-	RO
x	x	x	x	PDU.PowerSummary.iSerialNumber	String[15]	String[15]	Serial Number	-	RO
x	x	x	x	PDU.PowerSummary.iVersion	String[15]	String[15]	F/W version	-	RO
	x	x	x	PDU.PowerSummary.OverTemperature[3].Threshold	Parameter	Float:0..6553.5	Threshold	d°K	RW
	x	x	x	PDU.PowerSummary.OverTemperature[4].Threshold	Parameter	Float:0..6553.5	Threshold	d°K	RW
x	x	x	x	PDU.PowerSummary.PDUType	Constant	0: Unknown 1: SW (Switched) 2: MO (Metered Outlets) 3: MA (Managed) 4: MI (Metered Input) 5: BA (Basic) 6: IL (In-Line Monitored)	Feature Topology of the PDU : 0 : Unknown 1 : SW (Switched) 2 : AM (Advanced Monitored)/ MO(Metered Outlets) 3 : MA (Managed) 4 : MI (Monitored)/(Metered Input) 5 : BA (Basic) 6 : IL (In-Line Monitored)	-	RO
x	x	x	x	PDU.PowerSummary.PresentStatus.CommunicationLost	AlarmL1	0: Normal 1: Alarm	Communication intra modules has failed.	-	RO
	x	x	x	PDU.PowerSummary.PresentStatus.OverTemperature	AlarmL1	0: Normal 1: Low warning threshold trigged 2: Low critical threshold trigged 3: High warning threshold trigged 4: High critical threshold trigged	0 : No threshold trigged 1 : Warning low threshold trigged 2 : Critical low threshold trigged 3 : Warning high threshold trigged 4 : Critical high threshold trigged	-	RO
x	x	x	x	PDU.PowerSummary.Temperature	Measure	Float:0..6553.5	Internal Temperature.	d°K	RO
x	x	x	x	PDU.PowerSummary.Time	Measure	Integer:0..4294967295(136 years)	Unix timestamp that is refreshed from the RTC.	s	RW
x	x	x	x	PDU.PowerSummary.Timer	Measure	Integer:0..4294967295(136 years)	Time elapsed since the 1st start of the device.	s	RO