

**MessageIdentification**

Unique identification of a message.

**MessageDateTime**

Date and time of the preparation of a message.  
The time must be expressed in UTC as:  
YYYY-MM-DDTHH:MM:SSZ.

**SenderIdentification**

Identification of the party who is sending the message.

**SenderRole**

Identification of the role that is played by the sender.

**ReceiverIdentification**

Identification of the party who is receiving the message.

**ReceiverRole**

Identification of the role that is played by the receiver.

**ScheduleTimeInterval**

The start date and time and the end date and time of the time interval of the schedule. The calculated resolution is expressed in minutes. The time must always be expressed in UTC.

**TimeSeriesAnomaly**

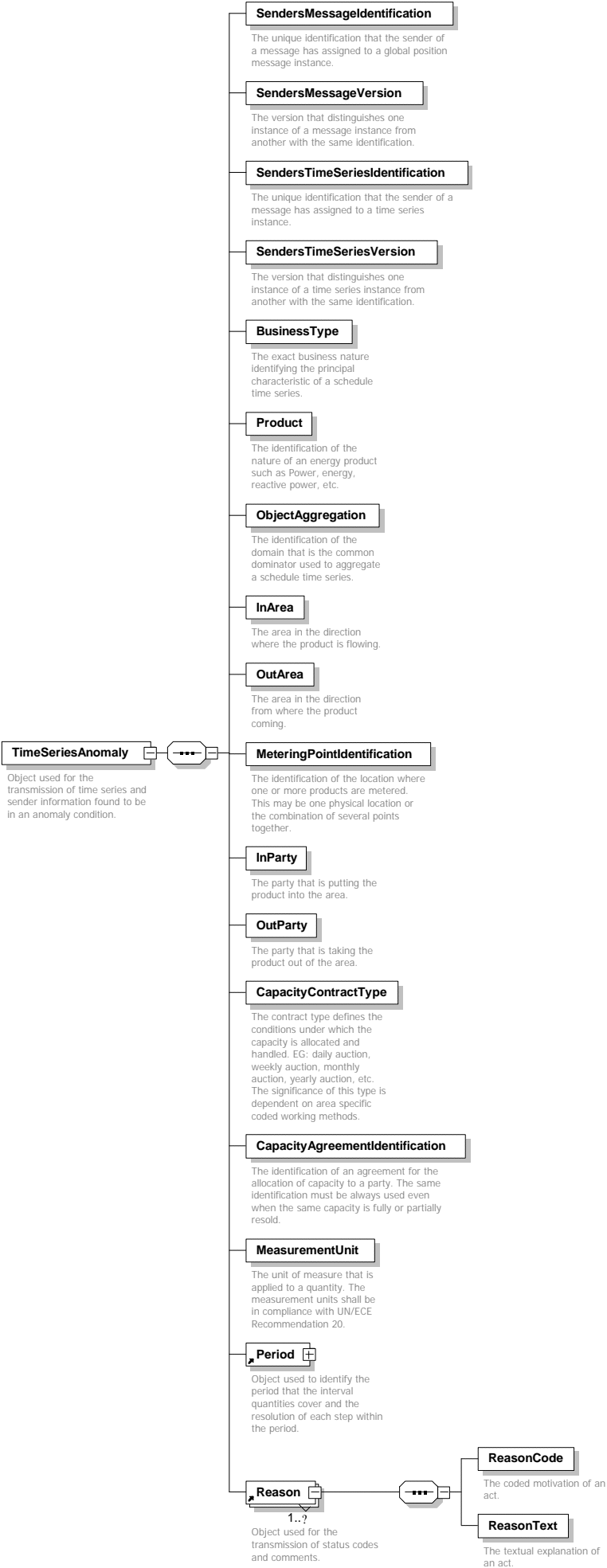
1..?

Object used for the transmission of time series and sender information found to be in an anomaly condition.

**AnomalyReport**

Object used for the transmission of anomaly reports for whole time series.





## TimeInterval

The start date and time and the end date and time of an event. The time interval must be expressed in a form respecting ISO 8601 : YYYY-MM-DDTHH:MMZ/YYYY-MM-DDTHH:MMZ.ISO 8601 rules for reduction may apply. The time must always be expressed in UTC.

## Resolution

Defines the number of units of time that compose an individual step within a period. The resolution is expressed in compliance with ISO 8601 in the following format:PnYnMnDnHnMnS.W here nY expresses a number of years, nM a number of months, nD a number of days.The letter "T" separates the date expression from the time expression and after it nH identifies a number of hours, nM a number of minutes and nS a number of seconds.

## Period

Object used to identify the period that the interval quantities cover and the resolution of each step within the period.

## Interval

1..?

Object used for the transmission of each individual period and its associated quantity.

## Pos

A sequential value representing the relative position of an entity within a space such as a time interval

## Qty

The quantity of an energy product. Positive quantities shall not have a sign.