

## WagoInterlock Tango Cpp Class

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### WagoInterlock Class Identification :

Contact : at esrf.fr - Pawel.Kowaliszyn  
Class Family : Interlock  
Platform : All Platforms  
Bus : Not Applicable  
Manufacturer : none  
Manufacturer :  
ref.

### WagoInterlock Class Inheritance :

- [Tango::DeviceImpl](#)
  - WagoInterlock

### WagoInterlock Class Description :

Class representing interlocks implemented using Wago

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## WagoInterlock Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
config	Configuration of the interlock	String[]	none
name	Interlock name	String	none
flags	Interlock flags	String	none
outRelay	output relay name	String	none
wagoDevice	Corresponding wago device tango server name	String	none
DataPeriod	Data refresh period	short	1000
StatusPeriod	Status refresh period	short	5000

WagoInterlock Class Commands				
Name	Input type	Output type	Level	Description
<a href="#">State</a>	DEV_VOID	DEV_STATE	OPERATOR	This command gets the device state (stored in its device_state data member) and returns it to the caller.
<a href="#">Status</a>	DEV_VOID	CONST_DEV_STRING	OPERATOR	This command gets the device status (stored in its device_status data member) and returns it to the caller.
<a href="#">UploadConfig</a>	DEV_VOID	DEV_VOID	OPERATOR	Uploads configuration to controller
<a href="#">Reset</a>	DEV_VOID	DEV_VOID	OPERATOR	Resets the instance controller (in case of sticky channels)

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## **Command State :**

This command gets the device state (stored in its device\_state data member) and returns it to the caller.

State Definition		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::DEV_STATE	Device state
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

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## **Command Status :**

This command gets the device status (stored in its device\_status data member) and returns it to the caller.

Status Definition		
Input Argument	Tango::DEV_VOID	none
Output Argument	Tango::CONST_DEV_STRING	Device status
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..

Command allowed for	All states	..

## **Command UploadConfig :**

Uploads configuration to controller

UploadConfig Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

## **Command Reset :**

Resets the instance controller (in case of sticky channels)

Reset Definition		
Input Argument	Tango::DEV_VOID	
Output Argument	Tango::DEV_VOID	
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..

Polling Period	Not polled	..
Command allowed for	All states	..

**There is no attribute defined.**

**There is no dynamic attribute defined.**

WagoInterlock Class States	
Name	Description
ON	
FAULT	
ALARM	
UNKNOWN	