

SingleShotAI Tango Cpp Class

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SingleShotAI Class Identification :

Contact : at null - null
 Class Family :
 Platform :
 Bus :
 Manufacturer :
 Manufacturer ref. :

SingleShotAI Class Inheritance :

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

SingleShotAI Class Description :

Performs Analog Input in Single Shot (read ponctually) on board SAI_2005, SAI_2010, MAI_2204, MAI_2205.

SingleShotAI Properties :

There is no class properties

Device Properties			
Name	Description	Type	Default Value
BoardNum	The number of the board in the cPCI chassis (between 0 and 7).	short	none
BoardType	The board type (the possible values are SAI_2005, SAI_2010, MAI_2204, MAI_2205).	short	none

InputRange0	The input range for channel 0 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange1	The input range for channel 1 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange2	The input range for channel 2 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange3	The input range for channel 3 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange4	The input range for channel 4 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange5	The input range for channel 5 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange6	The input range for channel 6 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange7	The input range for channel 7 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange8	The input range for channel 8 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange9	The input range for channel 9 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange10	The input range for channel 10 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange11	The input range for channel 11 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange12	The input range for channel 12 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange13	The input range for channel 13 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
	The input range for channel 14 (possible values are B_10, B_5,		

InputRange14	B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange15	The input range for channel 15 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange16	The input range for channel 16 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange17	The input range for channel 17 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange18	The input range for channel 18 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange19	The input range for channel 19 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange20	The input range for channel 20 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange21	The input range for channel 21 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange22	The input range for channel 22 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange23	The input range for channel 23 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange24	The input range for channel 25 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange25	The input range for channel 25 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange26	The input range for channel 26 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange27	The input range for channel 27 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange28	The input range for channel 28 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none

InputRange29	The input range for channel 29 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange30	The input range for channel 30 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none
InputRange31	The input range for channel 31 (possible values are B_10, B_5, B_2_5, B_1_25, U_10, U_5, U_2_5, U_1_25).	short	none

SingleShotAI Class Commands				
Name	Input type	Output type	Level	Description
State	DEV_VOID	DEV_STATE	OPERATOR	This command gets the device state (stored in its <i>device_state</i> data member) and returns it to the caller.
Status	DEV_VOID	CONST_DEV_STRING	OPERATOR	This command gets the device status (stored in its <i>device_status</i> data member) and returns it to the caller.
ReadChannel	DEV_USHORT	DEV_USHORT	OPERATOR	Read the current value of the specified channel.
ReadScaledChannel	DEV_USHORT	DEV_DOUBLE	OPERATOR	Read the current voltage of the specified

ReadChannels	DEV_USHORT	DEVVAR_USHORTARRAY	OPERATOR	channel Read all the current values of channel from 0 to argin.
ReadScaledChannels	DEV_USHORT	DEVVAR_DOUBLEARRAY	OPERATOR	Read the current values of all channel from 0 to argin.
Calibrate	DEV_VOID	DEV_VOID	EXPERT	Calibrate the hardware.

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	State Code
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..
Command allowed for	All states	..

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	Status description
DisplayLevel	OPERATOR	..
Inherited	true	..
Abstract	true	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command ReadChannel :

Read the current value of the specified channel.

ReadChannel Definition		
Input Argument	Tango::DEV_USHORT	The channel to read ,0 to 32)
Output Argument	Tango::DEV_USHORT	The numeric value read.
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command ReadScaledChannel :

Read the current voltage of the specified channel.

ReadScaledChannel Definition		
Input Argument	Tango::DEV_USHORT	The channel to read , 0 to 32).
Output Argument	Tango::DEV_DOUBLE	The value read in volts.
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command ReadChannels :

Read all the current values of channel from 0 to argin.

ReadChannels Definition		
Input Argument	Tango::DEV_USHORT	The max chan to read ,0 to 32)
Output Argument	Tango::DEVVAR_USHORTARRAY	All the numeric values of the specified channels.
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command ReadScaledChannels :

Read the current values of all channel from 0 to argin.

ReadScaledChannels Definition		
Input Argument	Tango::DEV_USHORT	The max chan to read , 0 to 32).
Output Argument	Tango::DEVVAR_DOUBLEARRAY	All the voltage values of the read channels.
DisplayLevel	OPERATOR	..
Inherited	false	..
Abstract	false	..
Polling Period	Not polled	..
Command allowed for	All states	..

Command Calibrate :

Calibrate the hardware.

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

SingleShotAI Class Attributes

Name	Inherited	Abstract	Attr. type	R/W type	Data type	Level	Description
channel0	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel1	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel2	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel3	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel4	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel5	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel6	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel7	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel8	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel9	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel10	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel11	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel12	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel13	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel14	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel15	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel16	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel17	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel18	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel19	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel20	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel21	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel22	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel23	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel24	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel25	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel26	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel27	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel28	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel29	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	

channel30	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	
channel31	false	false	Scalar	READ	Tango::DEV_DOUBLE	OPERATOR	

There is no dynamic attribute defined.

Attribute channel0 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel0
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user	Not

Attribute channel1 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 1
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel2 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 2
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel3 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel3
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel4 :

Attribute Definition	
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Attribute Properties	
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Attribute Event Criteria	
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Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

label	channel 4
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel5 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display	

Attribute Properties	
label	channel 5
unit	volts
standard unit	
display unit	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not

Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

	set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel6 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled

Attribute Properties	
label	channel 6
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative	Not

Memorized	Not set
Read allowed for	All states

min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Change	set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel7 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel7
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change	

event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel8 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 8
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false

Push DataReady event by user code	Not set
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Attribute channel9 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel9
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel10 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 10
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel11 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 11
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel12 :

Attribute Definition	

Attribute Properties	

Attribute Event Criteria	

Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

label	channel
unit	12 volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel13 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR

Attribute Properties	
label	channel 13
unit	volts
standard unit	
display unit	
format	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set

Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel14 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled

Attribute Properties	
label	channel 14
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set

Memorized	Not set
Read allowed for	All states

max_warning	
min_warning	
delta_time	
delta_val	

Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel15 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 15
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user	false

code	
Push Archive event by user code	false
code	
Push DataReady event by user code	Not set

Attribute channel16 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 16
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady	

event by user code	Not set
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Attribute channel17 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 17
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel18 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 18
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel19 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 19
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel20 :

Attribute Definition	
Attribute	Scalar

Attribute Properties	
label	channel

Attribute Event Criteria	
Periodic	Not

Type	
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

unit	20 volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

	set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel21 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR

Attribute Properties	
label	channel21
unit	volts
standard unit	
display unit	
format	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute	Not

Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Change	set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel22 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false

Attribute Properties	
label	channel 22
unit	volts
standard unit	
display unit	
format	
max_value	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
	Not

Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Archive Periodic	set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel23 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set

Attribute Properties	
label	channel 23
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set

Read allowed for	All states
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delta_time	
delta_val	

Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel24 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel23
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive	

event by user code	false
Push DataReady event by user code	Not set

Attribute channel25 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 25
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel26 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 26
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel27 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 27
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel28 :

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Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

Attribute Properties	
label	channel 28
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel29 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ

Attribute Properties	
label	channel 29
unit	volts

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not

Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

	set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel30 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false

Attribute Properties	
label	channel 30
unit	volts
standard unit	
display unit	
format	
max_value	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not

Polling Period	Not polled
Memorized	Not set
Read allowed for	All states

min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	
delta_time	
delta_val	

	set
Archive Relative Change	Not set
Archive Absolute Change	Not set
Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

Attribute channel31 :

Attribute Definition	
Attribute Type	Scalar
R/W Type	READ
Data Type	Tango::DEV_DOUBLE
Display Level	OPERATOR
Inherited	false
Abstract	false
Polling Period	Not polled
Memorized	Not set

Attribute Properties	
label	channel 31
unit	volts
standard unit	
display unit	
format	
max_value	
min_value	
max_alarm	
min_alarm	
max_warning	
min_warning	

Attribute Event Criteria	
Periodic	Not set
Relative Change	Not set
Absolute Change	Not set
Archive Periodic	Not set
Archive Relative Change	Not set
Archive Absolute Change	Not set

Read	All states
allowed for	

delta_time	
delta_val	

Push Change event by user code	false
Push Archive event by user code	false
Push DataReady event by user code	Not set

SingleShotAI Class States	
Name	Description
UNKNOWN	The device is not initialized
OPEN	The device is initialized and ready to run
CLOSE	The device is not usable