

# UUT Report

**Station ID:** IT-W-7303101  
**Serial Number:** NONE  
**Date:** martedì 21 marzo 2023  
**Time:** 10:32:42  
**Operator:** ITLAVIT1  
**Execution Time:** 00:17:10.004  
**Number of Results:** 1585  
**UUT Result:** **Failed**  
**Failure Chain:**

Step	Sequence	Sequence File
<a href="#">Popup PassFail</a>	Modbus Register check	Complete_test.seq
<a href="#">Modbus Register check</a>	MainSequence	Complete_test.seq

**Begin Sequence: MainSequence**  
(C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\MOD\Complete\_test.seq)

UUT Parameters	
Status:	Done
TestResults/Data:	
Product Name:	MOD LV
Communication Module:	RS485
UUT_info_comm	
Status:	Done
TestResults/Data:	
Product type:	MOD LV
COMM type:	COMM1_RS485
Product Firmware version:	"
COMM Firmware version:	"
General and Architecture and LED	
Status:	Skipped
Input-Output	
Status:	Skipped
Power Outage	
Status:	Skipped
Motor Driver	
Status:	Skipped

Modbus Register check	
Status:	Failed
Module Time:	533.433

**Begin Sequence: Modbus Register check**  
(C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\MOD\Complete\_test.seq)

Internal communication failure	
Status:	Done
TestResults/Data:	

Register Value:	OK
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via modbus worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via modbus worked.
Status:	Passed

Popup PassFail	
Status:	Failed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via modbus has not worked during dead time.
Status:	Failed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via modbus worked.
Status:	Passed
Input	
Status:	Done
TestResults/Data:	
Register Value:	Disable
Pass/Fail Test	
Status:	Passed
Communication	
Status:	Done
TestResults/Data:	
Register Value:	Disable
Pass/Fail Test	
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via input has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via modbus has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via input has not worked.
Status:	Passed

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via modbus has not worked.
Status:	Passed
input	
Status:	Done
TestResults/Data:	
Register Value:	Disable
Pass/Fail Test	
Status:	Passed
Communication	
Status:	Done
TestResults/Data:	
Register Value:	Disable
Pass/Fail Test	
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via input has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via modbus has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via input has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via modbus has not worked.
Status:	Passed
input	
Status:	Done
TestResults/Data:	
Register Value:	Enable
Pass/Fail Test	
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via modbus has not worked.
Status:	Passed
Additional Results	
Status:	Done

TestResults/Data:	
PopupString:	Check that the remote closing via input worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via modbus has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via input worked.
Status:	Passed
Communication	
Status:	Done
TestResults/Data:	
Register Value:	Enable
Pass/Fail Test	
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing and opening via input worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing and opening via modbus worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via input has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote closing via modbus worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via input has not worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the remote opening via modbus worked.
Status:	Passed
Status Breaker	
Status:	Done
TestResults/Data:	

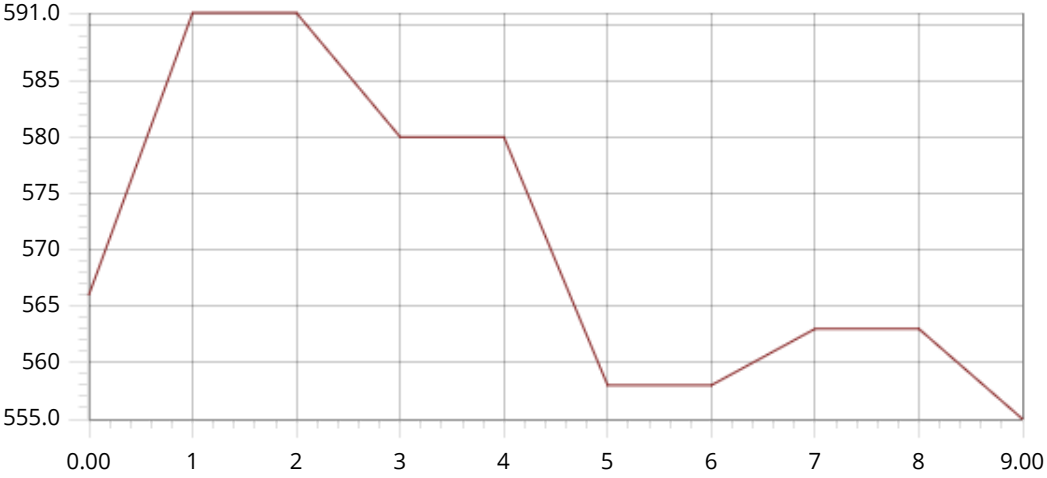
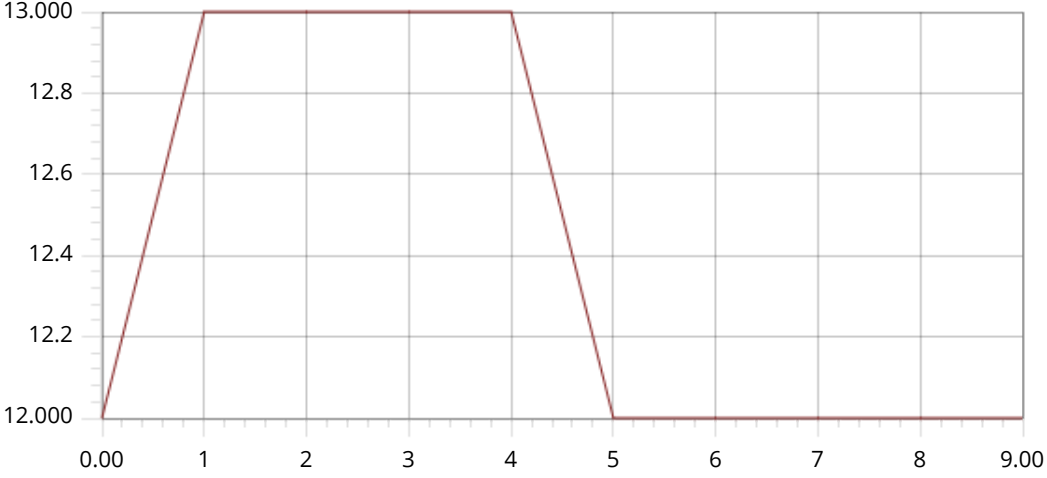
Register Value:	Open
Test Status Breaker	
Status:	Passed
Status Breaker	
Status:	Done
TestResults/Data:	
Register Value:	Open
Test Status Breaker	
Status:	Passed
Status Breaker	
Status:	Done
TestResults/Data:	
Register Value:	Close
Test Status Breaker	
Status:	Passed
Status Breaker	
Status:	Done
TestResults/Data:	
Register Value:	Close
Test Status Breaker	
Status:	Passed

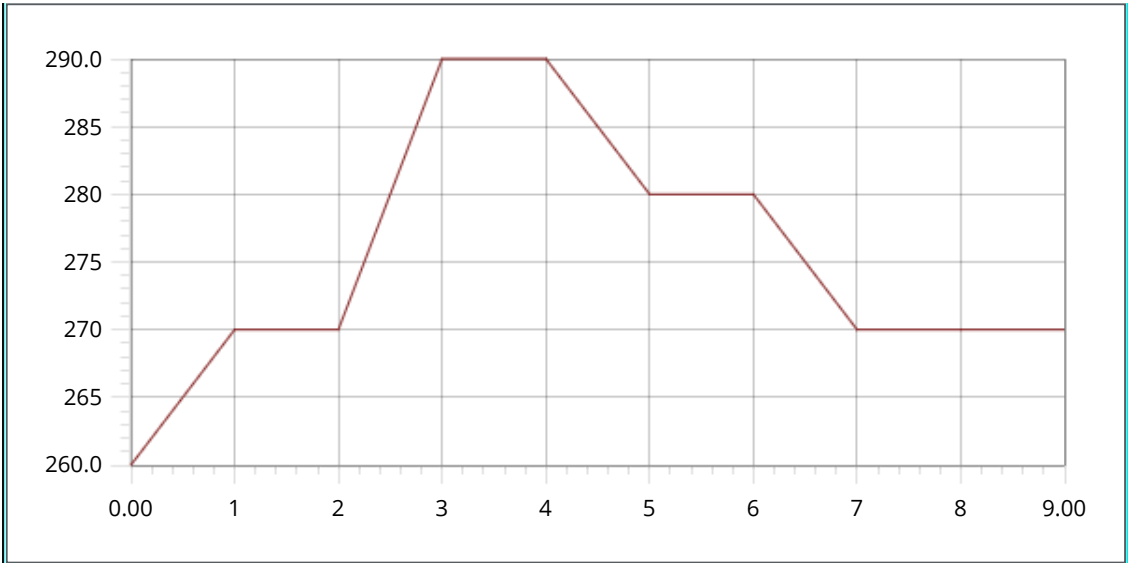
Status Breaker	
Status:	Done
TestResults/Data:	
Register Value:	Open
Test Status Breaker	
Status:	Passed
Status Breaker	
Status:	Done
TestResults/Data:	
Register Value:	Open
Test Status Breaker	
Status:	Passed

Tripped	
Status:	Done
TestResults/Data:	
Register Value:	No Trip
Test Tripped	
Status:	Passed

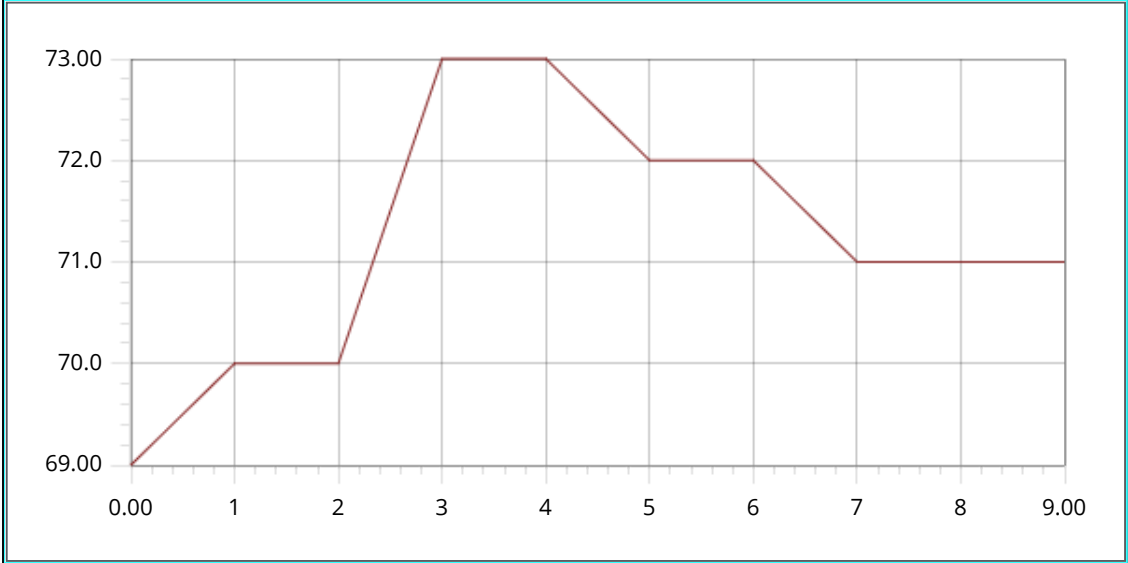
Tripped	
Status:	Done
TestResults/Data:	
Register Value:	Trip
Test Tripped	
Status:	Passed
Tripped	

Status:	Done
TestResults/Data:	
Register Value:	Trip
Test Tripped	
Status:	Passed

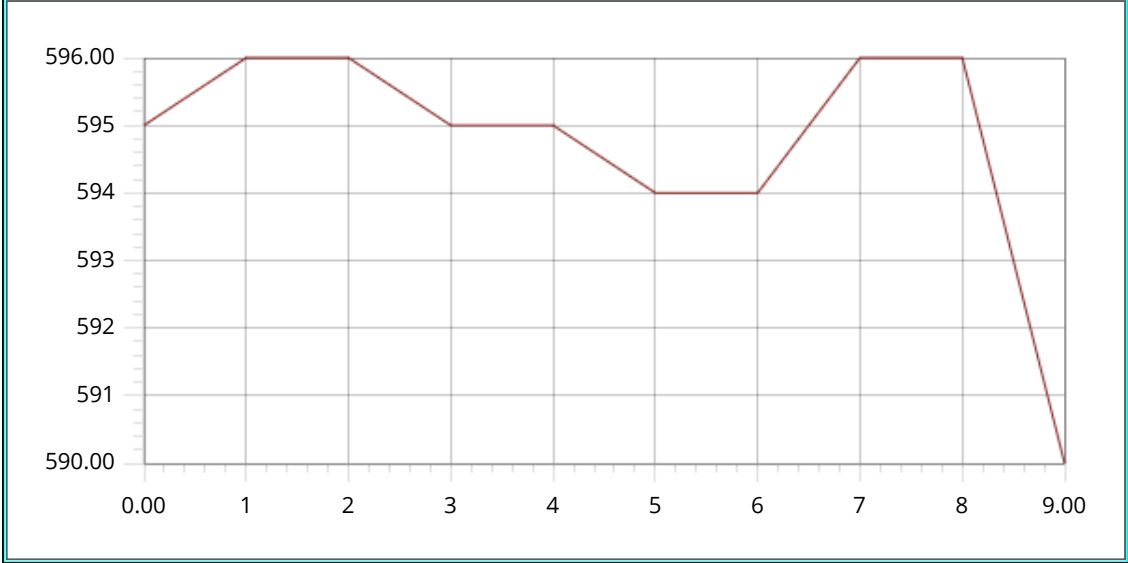
Tripped	
Status:	Done
TestResults/Data:	
Register Value:	No Trip
Test Tripped	
Status:	Passed
Manoeuvre parameters graphs	
Status:	Done
TestResults/Data:	
Peak current in mA [0..9] :	
Motor torque in mN-m [0..9] :	
Time to max torque in ms [0..9] :	



Peak  
torque  
toggle  
angle in  
degree  
[0..9] :

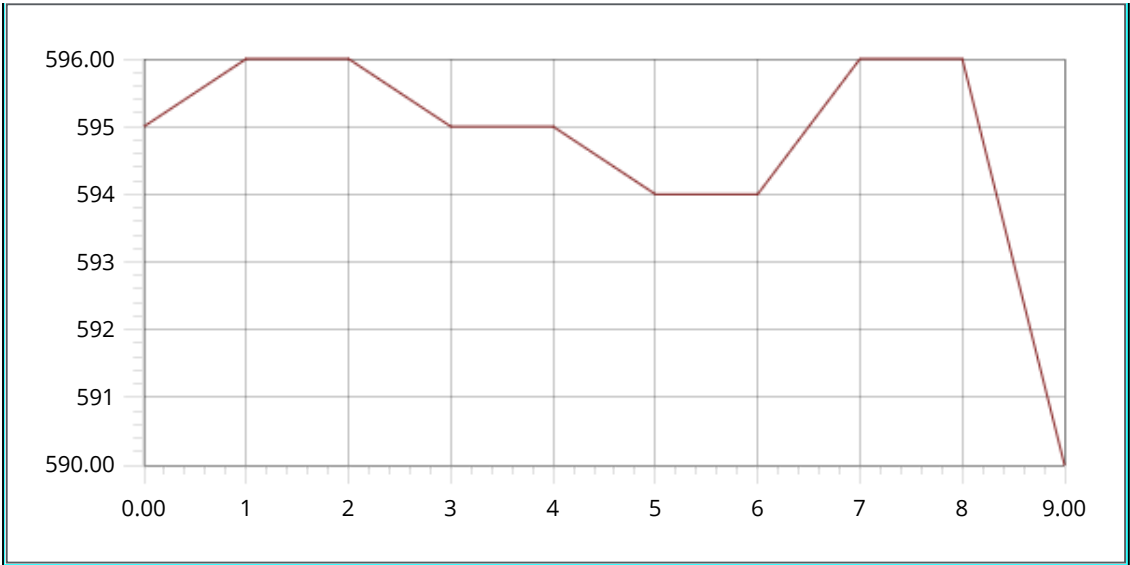


Closing  
time in  
ms  
[0..9] :



Opening  
time in  
ms  
[0..9] :





Maneuver attempt ongoing

Status: Done

TestResults/Data:

Register Value: No Maneuver

Test Maneuvre ongoing

Status: Passed

Parallel Call - Read loop

Status: Done

Module Time: 0.0023205

Meneuvre Ongoing test

Status: Passed

Maneuvre Ongoing Results

Status: Done

TestResults/Data:

Value of the register before the first change: No Maneuver

Value of the register after the first change: Maneuver ongoing

Number of changes: 2

Maneuver attempt ongoing

Status: Done

TestResults/Data:

Register Value: No Maneuver

Test Maneuvre ongoing

Status: Passed

Parallel Call - Read loop

Status: Done

Module Time: 0.001583

Meneuvre Ongoing test



Status:	Passed
Manoeuvre Ongoing Results	
Status:	Done
TestResults/Data:	
Value of the register before the first change:	No Maneuver
Value of the register after the first change:	Maneuver ongoing
Number of changes:	2
Maneuver attempt ongoing	
Status:	Done
TestResults/Data:	
Register Value:	No Maneuver
Test Manoeuvre ongoing	
Status:	Passed
Total Number of manoeuvre	
Status:	Done
TestResults/Data:	
Register Value:	62
Total Number of closing manoeuvre	
Status:	Done
TestResults/Data:	
Register Value:	35
Total Number of maneuver	
Status:	Done
TestResults/Data:	
Register Value:	82
Test total number manoeuvre	
Status:	Passed
Total Number of closing maneuver	
Status:	Done
TestResults/Data:	
Register Value:	45
Test total number closing	
Status:	Passed
Output 1	
Status:	Done
TestResults/Data:	
Register Value:	MOD lever open
Test Output1	
Status:	Passed

Output 2	
Status:	Done
TestResults/Data:	
Register Value:	Lock-out state not-active
Test output 2	
Status:	Passed
Input 1	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 1	
Status:	Passed
Input 2	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 2	
Status:	Passed
Output 1	
Status:	Done
TestResults/Data:	
Register Value:	MOD lever close
Test Output1	
Status:	Passed
Output 2	
Status:	Done
TestResults/Data:	
Register Value:	Lock-out state not-active
Test output 2	
Status:	Passed
Input 1	
Status:	Done
TestResults/Data:	
Register Value:	Active
Test Input 1	
Status:	Passed
Input 2	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 2	
Status:	Passed
Output 1	
Status:	Done
TestResults/Data:	
Register Value:	MOD lever open
Test Output1	

Status:	Passed
Output 2	
Status:	Done
TestResults/Data:	
Register Value:	Lock-out state not-active
Test output 2	
Status:	Passed
Input 1	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 1	
Status:	Passed
Input 2	
Status:	Done
TestResults/Data:	
Register Value:	Active
Test Input 2	
Status:	Passed
Output 1	
Status:	Done
TestResults/Data:	
Register Value:	MOD lever open
Test Output1	
Status:	Passed
Output 2	
Status:	Done
TestResults/Data:	
Register Value:	Lock state

Test output 2	
Status:	Passed

Input 1	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 1	
Status:	Passed
Input 2	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 2	
Status:	Passed
Output 1	
Status:	Done
TestResults/Data:	
Register Value:	MOD lever close

Test Output1	
Status:	Passed
Output 2	
Status:	Done
TestResults/Data:	
Register Value:	Lock-out state not-active
Test output 2	
Status:	Passed
Input 1	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 1	
Status:	Passed
Input 2	
Status:	Done
TestResults/Data:	
Register Value:	Not Active
Test Input 2	
Status:	Passed
LAST DEMANDED COMMAND FAILED PF	
Status:	Done
TestResults/Data:	
Register Value:	All command completed
Test last demanded command	
Status:	Passed
LAST DEMANDED COMMAND FAILED PF	
Status:	Done
TestResults/Data:	
Register Value:	All command completed
Test last demanded command	
Status:	Passed
Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0024104
Meneuvre power fail test	
Status:	Passed
Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0018249
Meneuvre power fail test	
Status:	Passed

Diagnostic register	
Status:	Done
TestResults/Data:	
Register Value:	2
Pass/Fail Test	
Status:	Passed
Diagnostic register	
Status:	Done
TestResults/Data:	
Register Value:	1

Pass/Fail Test	
Status:	Passed

Diagnostic register	
Status:	Done
TestResults/Data:	
Register Value:	4
Pass/Fail Test	
Status:	Passed

Product type number ID MOD	
Status:	Done
TestResults/Data:	
Register Value:	MOD LOW VOLTAGE
Product type number ID COMM	
Status:	Done
TestResults/Data:	
Register Value:	COMM1_RS485
Modbus RTU parameter Slave Address	
Status:	Done
TestResults/Data:	
Register Value:	1
Modbus RTU parameter Baud Rate	
Status:	Done
TestResults/Data:	
Register Value:	19200
Modbus RTU parameter Parity	
Status:	Done
TestResults/Data:	
Register Value:	EVEN

#### End Sequence: Modbus Register check

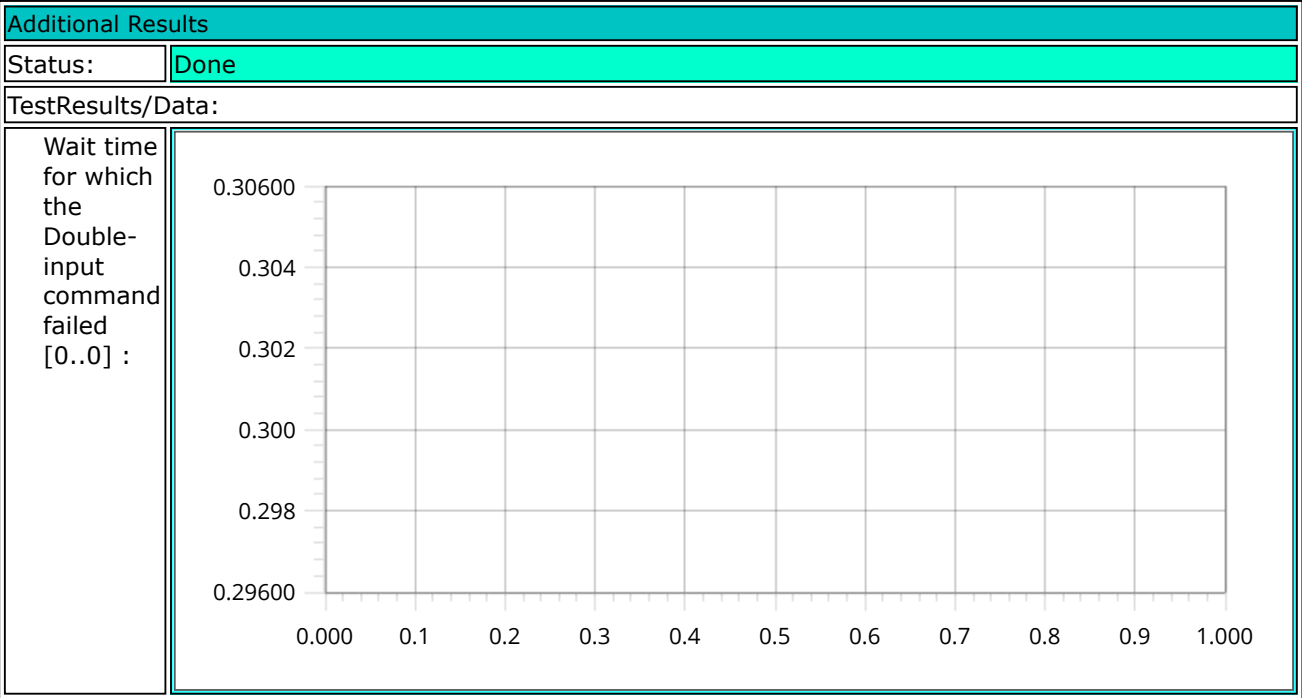
Modbus settings check	
Status:	Skipped
COMM LED & Button	
Status:	Skipped
Double input	
Status:	Passed
Module Time:	470.11

#### Begin Sequence: Double input

(C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\MOD\Complete\_test.seq)

Check MOD Output 1	
Status:	Passed
TestResults/Data:	
Configuration:	MOD in Active State and MPD CLOSED
Output 1:	False
Parallel Call - Read Output loop	
Status:	Done

Module Time:	0.0013878
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End Sequence: Double input

Firmware Upgrade	
Status:	Skipped

End Sequence: MainSequence

End UUT Report

