

UUT Report

Station ID:

Serial Number:

Date:

Time:

Operator:

Execution Time:

Number of Results:

UUT Result:

IT-W-7303101

NONE

lunedì 17 aprile 2023

14:07:38

ITLAVIT1

00:32:50.003

2288

Terminated

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 HV
COMM type:	COMM1_RS485
Product Firmware version:	"
COMM Firmware version:	"
General and Architecture and LED	
Status:	Passed
Module Time:	96.396

Begin Sequence: General and Architecture and LED
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\Complete_test.seq)

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power off and the LED is OFF.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power ON and in NOT-Active state.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Blinking Green" in both active and close configurations.
Status:	Passed
Additional Results	

Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Blinking Green".
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power ON and in NOT-Active state.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Blinking Green" in both active and close configurations.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Blinking Green".
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Blinking Green" in both active and close configurations.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power ON and in Active state.
Status:	Passed

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Green" in both active and close configurations.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Green".
Status:	Passed

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power ON and in Active state.
Status:	Passed

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Green" in both active and close configurations.

Status:	Passed
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Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Green".
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power ON and in Active state.
Status:	Passed

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Green" in both active and close configurations.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Red".
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power ON and in Locked state.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Green".
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the LED is "Fix Red".
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that manual opening and closing of the device shall be possible when the device is power ON and in Locked state.
Status:	Passed

End Sequence: General and Architecture and LED

Input-Output	
Status:	Failed
Module Time:	134.317

Begin Sequence: I/O
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\Complete_test.seq)

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote closing hasn't appened.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote closing hasn't appened.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote opening hasn't appened.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote opening hasn't appened.
Status:	Passed
Check Outputs	
Status:	Failed
TestResults/Data:	
Configuration:	MOD in Active State and MPD OPEN
Output 1:	True
Output 2:	False
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote opening worked.
Status:	Passed
Check Outputs	
Status:	Failed
TestResults/Data:	
Configuration:	MOD in Active State and MPD OPEN
Output 1:	False
Output 2:	False
Check Outputs	
Status:	Failed
TestResults/Data:	
Configuration:	MOD in Active State and MPD OPEN
Output 1:	False
Output 2:	False
Check Outputs	
Status:	Failed
TestResults/Data:	
Configuration:	MOD in Active State and MPD HALF OPEN
Output 1:	True
Output 2:	False

Check Outputs	
Status:	Failed
TestResults/Data:	
Configuration:	MOD in Active State and MPD HALF OPEN
Output 1:	True
Output 2:	False
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote closing worked.
Status:	Passed

Check MOD Outputs	
Status:	Failed
TestResults/Data:	
Configuration:	MOD in Lock State
Output 1:	False
Output 2:	True
Check MOD Outputs	
Status:	Failed
TestResults/Data:	
Configuration:	MOD in Lock State
Output 1:	False
Output 2:	True
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote closing worked.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote closing has not appened due to Dead time of 8 seconds after the trip.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that remote closing has appened after the Dead time of 8 seconds after the trip.
Status:	Passed

End Sequence: I/O

Power Outage	
Status:	Passed
Module Time:	54.4349

Begin Sequence: Power Outage
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\Complete_test.seq)

Additional Results	

Status:	Done
TestResults/Data:	
PopupString:	Check that the MOD open automatically the MPD at power On without reclosing.
Status:	Passed
Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that the MOD open automatically the MPD at power On without reclosing.
Status:	Passed

End Sequence: Power Outage

Motor Driver	
Status:	Passed
Module Time:	378.459

Begin Sequence: Motor Driver
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\Complete_test.seq)

MPD MODEL	
Status:	Done
TestResults/Data:	
MPD MODEL:	F204

Power Consumption at rest	
Status:	Passed
Numeric:	0
Limits:	
Low:	1
Comparison Type:	LE(<=)
TestResults/Data:	
Configuration:	At Rest
Power Consumption during opening	
Status:	Passed
Numeric:	0
Limits:	
Low:	25
Comparison Type:	LE(<=)
TestResults/Data:	
Configuration:	Opening
Power Consumption during closing	
Status:	Passed
Numeric:	0
Limits:	
Low:	25
Comparison Type:	LE(<=)
TestResults/Data:	
Configuration:	Closing
Power Consumption at rest after	
Status:	Passed

Numeric:	0
Limits:	
Low:	1
Comparison Type:	LE(<=)
TestResults/Data:	
Configuration:	At Rest

End Sequence: Motor Driver

Modbus Register check	
Status:	Failed
Module Time:	578.208

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

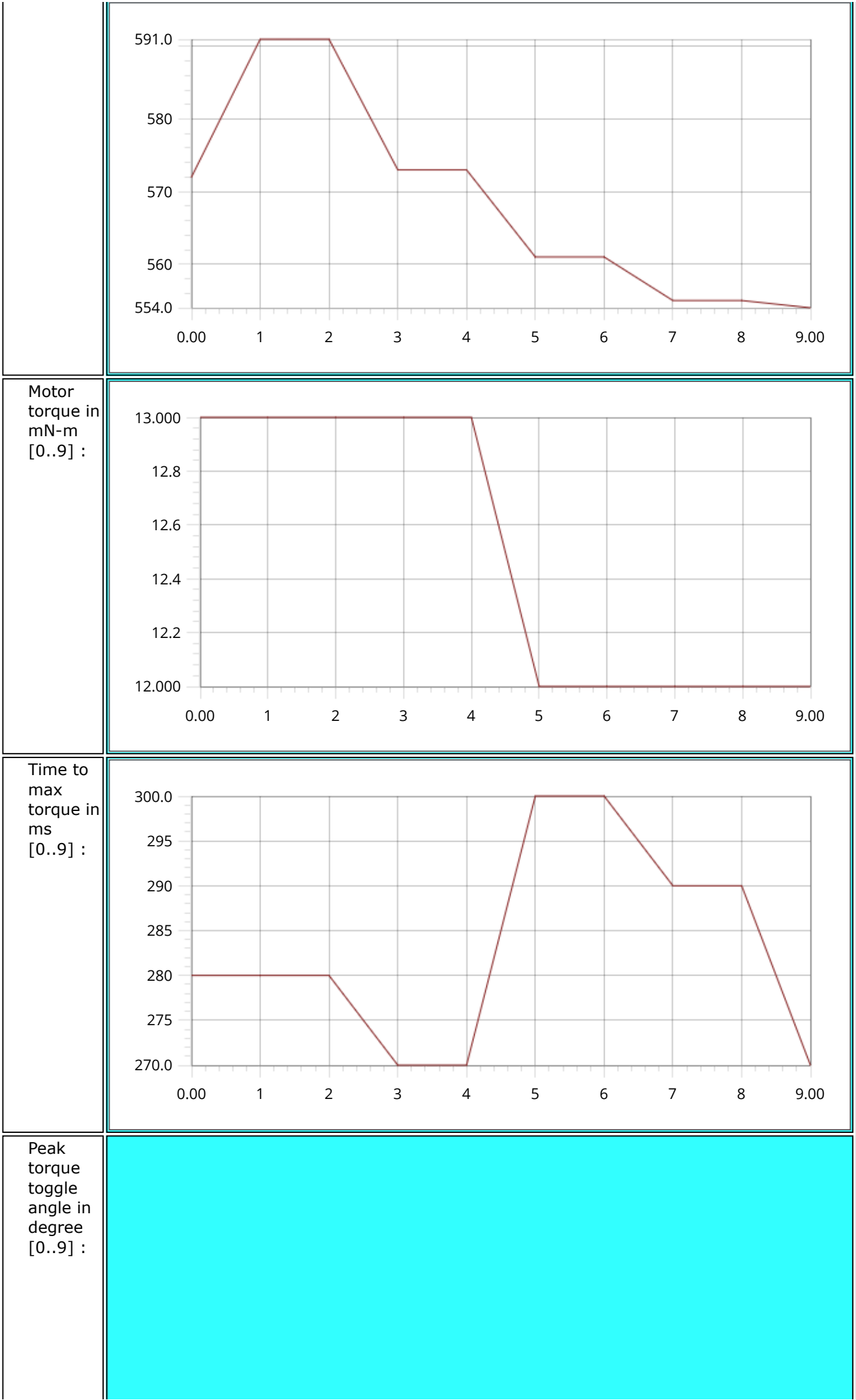
Status Breaker	
Status:	Done
TestResults/Data:	

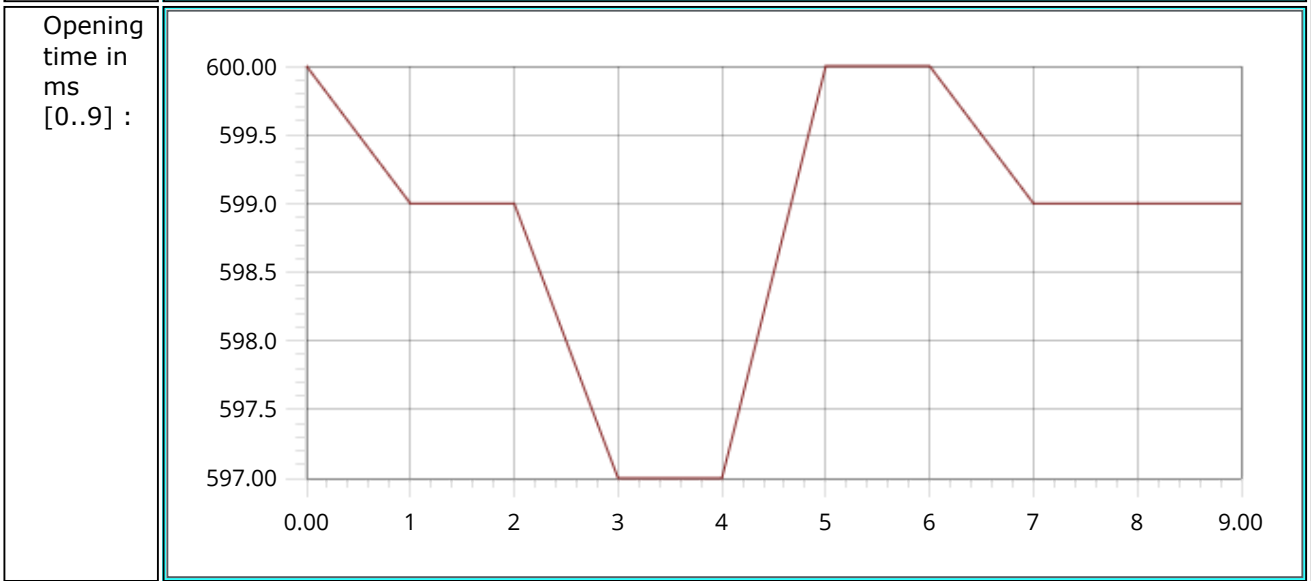
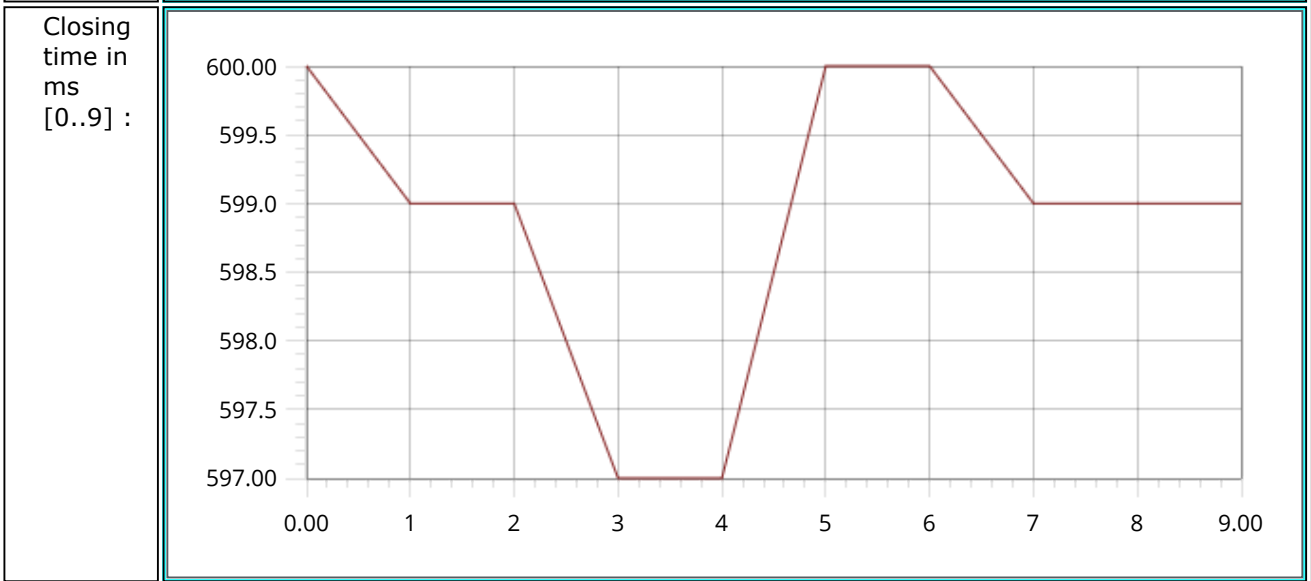
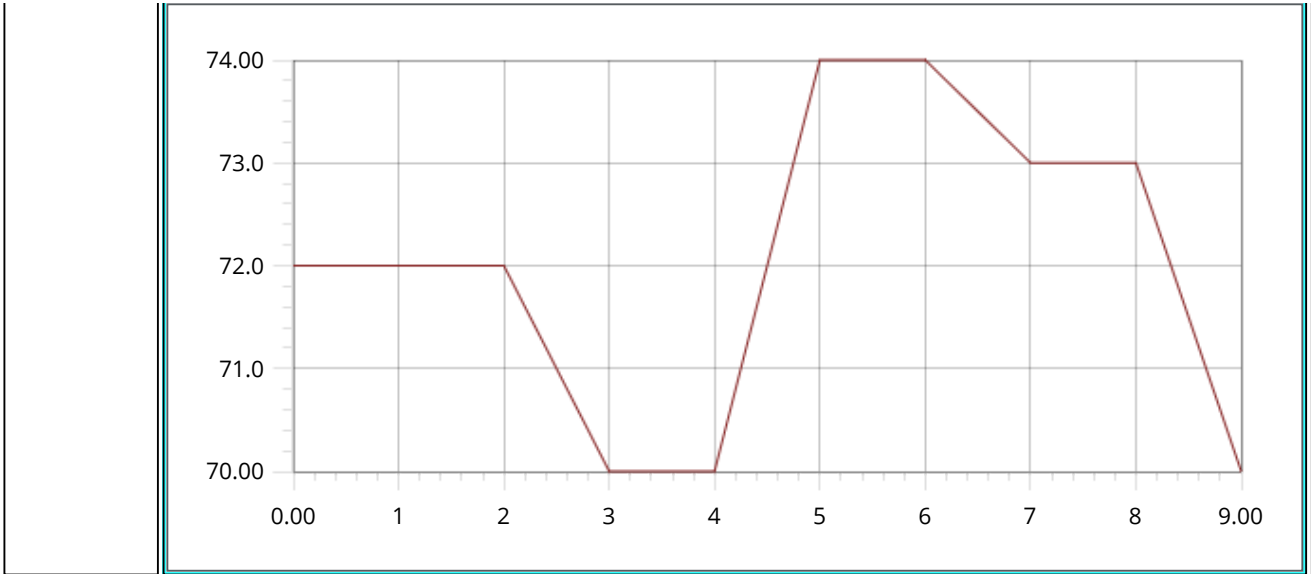
Register Value:	Open
Test Status Breaker	
Status:	Passed
Status Breaker	
Status:	Done
TestResults/Data:	
Register Value:	Open
Test Status Breaker	
Status:	Passed

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] :	





Maneuver attempt ongoing	
Status:	Done
TestResults/Data:	
Register Value:	No Maneuver
Test Maneuvre ongoing	
Status:	Passed
Parallel Call - Read loop	
Status:	Done
Module	0.0023114

Time:	
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:	0.0016743
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

Total Number of manœuvre	
Status:	Done
TestResults/Data:	
Register Value:	59
Total Number of closing manœuvre	
Status:	Done
TestResults/Data:	
Register Value:	31
Total Number of maneuver	
Status:	Done
TestResults/Data:	
Register Value:	79
Test total number manœuvre	
Status:	Passed
Total Number of closing maneuver	
Status:	Done
TestResults/Data:	
Register Value:	41
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:	0.0016851
Meneuvre power fail test	
Status:	Passed
Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0023538
Meneuvre power fail test	
Status:	Passed

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

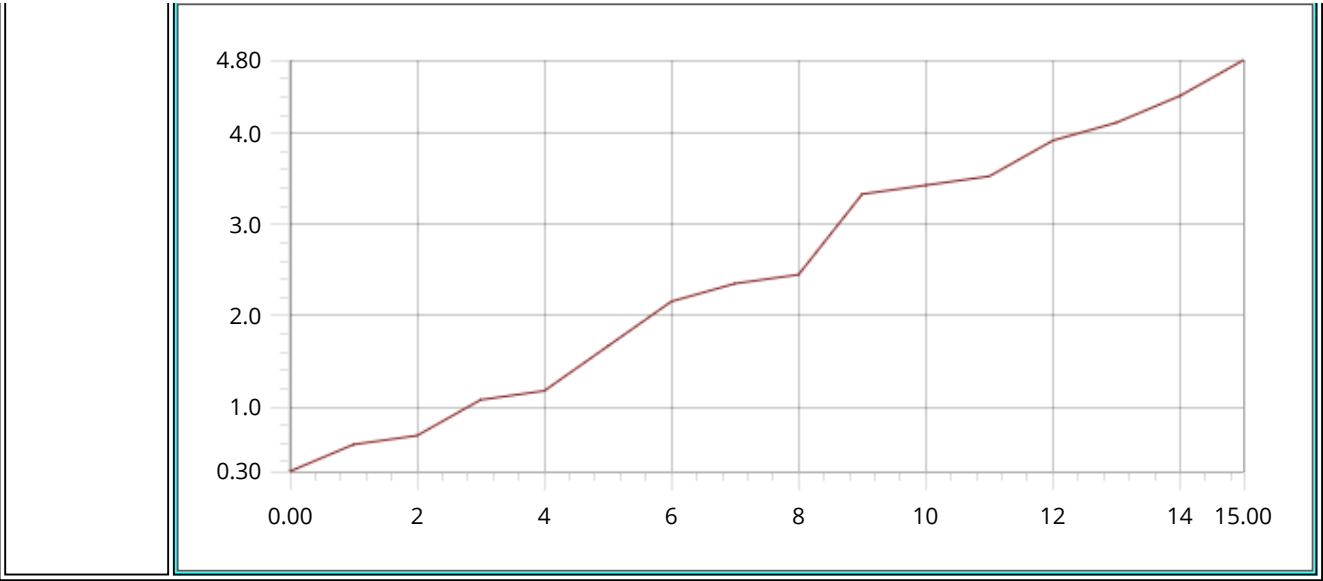
End Sequence: Modbus Register check

Modbus settings check	
Status:	Skipped
COMM LED & Button	
Status:	Skipped
Double input	
Status:	Passed
Module Time:	466.881

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:	0.0013762

Additional Results	
Status:	Done
TestResults/Data:	
Wait time for which the Double-input command failed [0..15] :	



End Sequence: Double input

Eprom test	
Status:	Terminated
Module Time:	238.316

Begin Sequence: Eprom writing
(C:\Users\itlav1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\Complete_test.seq)

Additional Results	
Status:	Done
TestResults/Data:	
PopupString:	Check that all the functionalities of the Device are still working.
Status:	Passed

End Sequence: Eprom writing

End Sequence: MainSequence

End UUT Report

