

UUT Report

Station ID:

Serial Number:

Date:

Time:

Operator:

Execution Time:

Number of Results:

UUT Result:

Product:

Product type:

Comm type:

Product FW Version:

Comm FW Version:

Failure Chain:

IT-W-7303101

NONE

giovedì 22 giugno 2023

09:33:35

administrator

1389.0969353 seconds

1147

Failed

MOD LV

MOD LV

COMM1_RS485

56010706

42030100

Step	Sequence	Sequence File
Popup PassFail	Modbus Register check	General_test.seq
Modbus Register check	MainSequence	General_test.seq

Begin Sequence: MainSequence
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\General_test.seq)

General and Architecture and LED	
Status:	Skipped
Input-Output	
Status:	Passed
Module Time:	93.3546109

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

Additional Results	
Status:	Done
PopupString:	Check that remote closing hasn't appened.
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check that remote closing hasn't appened.
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check that remote opening hasn't appened.
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check that remote opening hasn't appened.
Status:	Passed
Check Outputs	
Status:	Passed
Configuration:	MOD in Active State and MPD OPEN
Output 1:	True

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

Check MOD Outputs	
Status:	Passed
Configuration:	MOD in Lock State
Output 1:	False
Output 2:	True
Check MOD Outputs	
Status:	Passed
Configuration:	MOD in Lock State
Output 1:	False
Output 2:	True
Additional Results	
Status:	Done
PopupString:	Check that remote closing worked.
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check that remote closing has not appened due to Dead time of 8 seconds after the trip.
Status:	Passed
Additional Results	
Status:	Done
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:	35.2803332

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

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

End Sequence: Power Outage

Motor Driver	
Status:	Passed
Module Time:	306.394297

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

MPD MODEL	
Status:	Done
MPD MODEL:	F204

Power Consumption at rest	
Status:	Passed
Measurement:	0.8064
Limits:	
Low:	1
Comparison Type:	LE (<=)
Configuration:	At Rest
Power Consumption during opening	
Status:	Passed
Measurement:	14.832
Limits:	
Low:	25
Comparison Type:	LE (<=)
Configuration:	Opening
Power Consumption during closing	
Status:	Passed
Measurement:	12.576
Limits:	
Low:	25
Comparison Type:	LE (<=)
Configuration:	Closing
Power Consumption at rest after	
Status:	Passed
Measurement:	0.72
Limits:	

Low:	1
Comparison Type:	LE (<=)
Configuration:	At Rest

End Sequence: Motor Driver

Modbus Register check	
Status:	Failed
Module Time:	931.9179671

Begin Sequence: Modbus Register check
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\General_test.seq)

Internal communication failure	
Status:	Done
Register Value:	failure
Popup PassFail	
Status:	Failed
Internal communication failure	
Status:	Done
Register Value:	OK
Additional Results	
Status:	Done
PopupString:	Check that the remote opening via modbus worked.
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus worked.
Status:	Passed

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

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

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

Status Breaker	
Status:	Done
Register Value:	Close
Test Status Breaker	
Status:	Passed
Status Breaker	
Status:	Done
Register Value:	Close
Test Status Breaker	
Status:	Passed

Status Breaker	
Status:	Done
Register Value:	Open
Test Status Breaker	
Status:	Passed
Status Breaker	
Status:	Done
Register Value:	Open
Test Status Breaker	
Status:	Passed

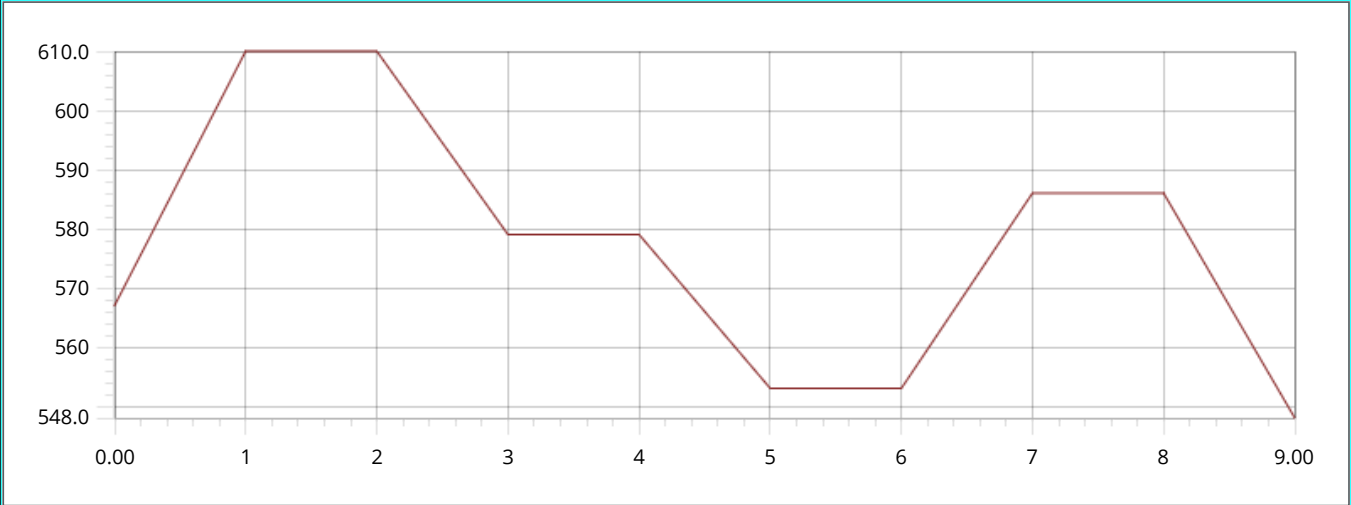
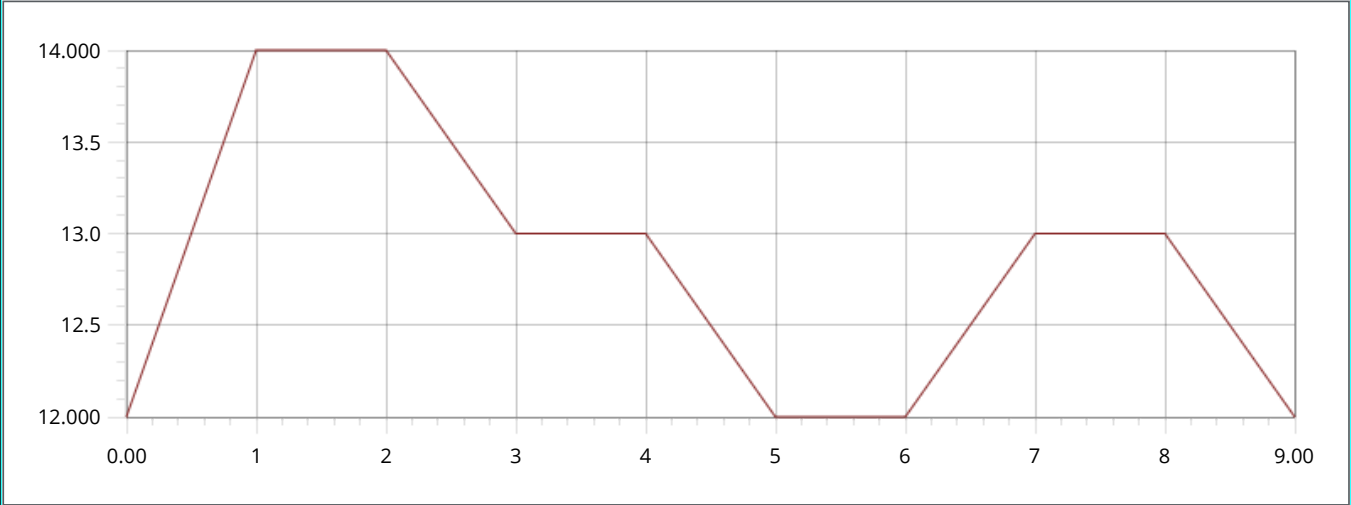
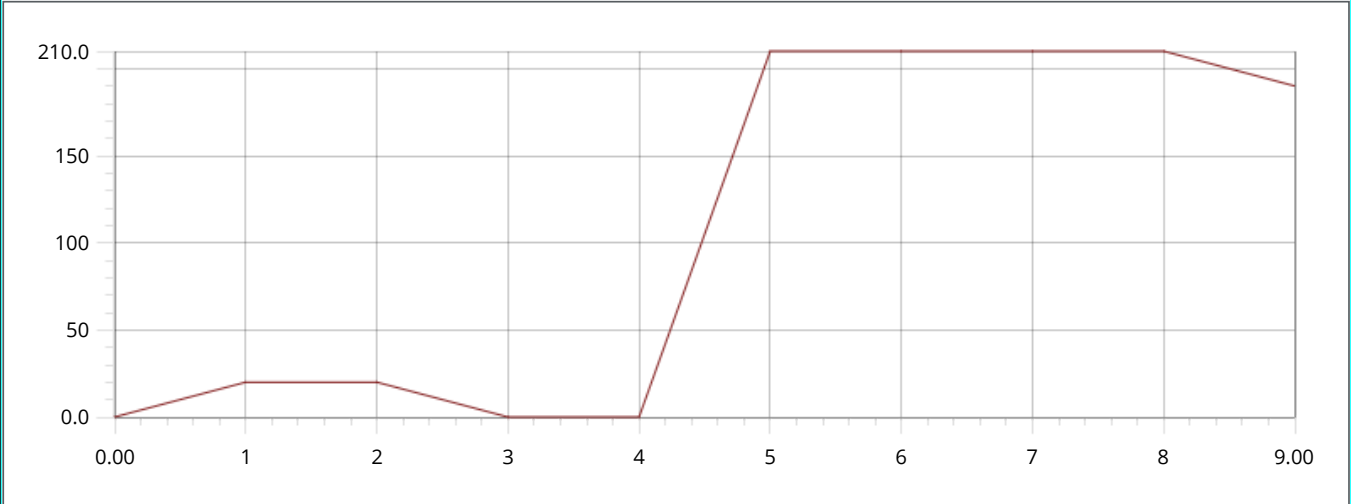
Tripped	
Status:	Done
Register Value:	No Trip
Test Tripped	
Status:	Passed

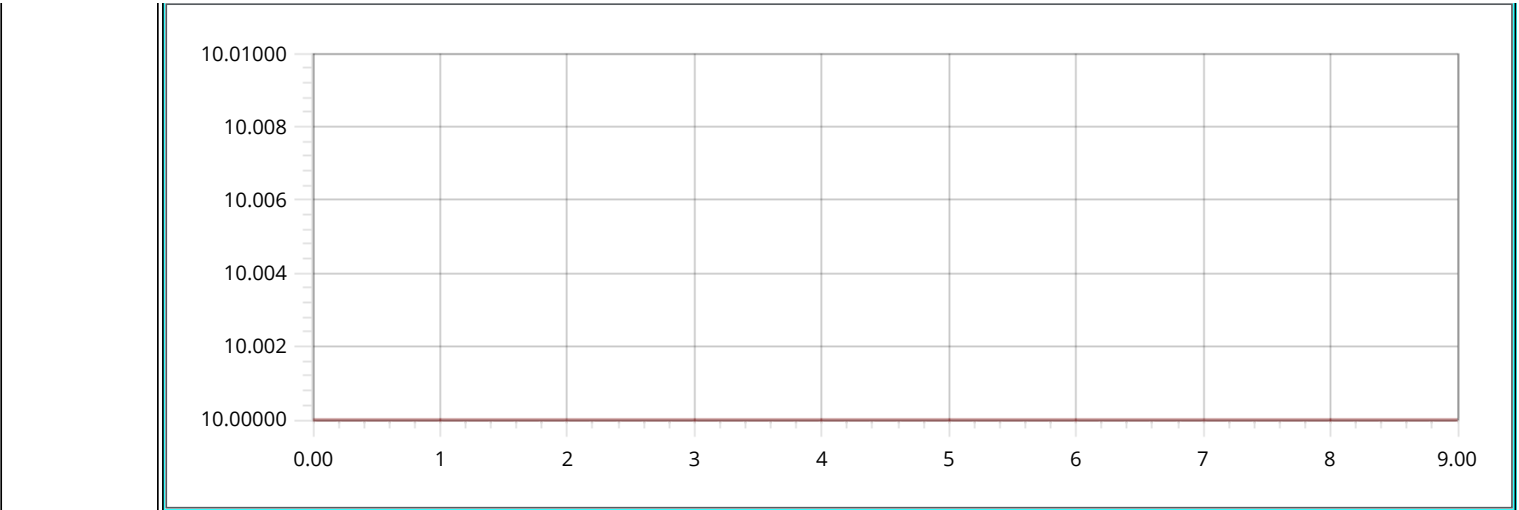
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed

Tripped	
Status:	Done
Register Value:	No Trip
Test Tripped	
Status:	Passed

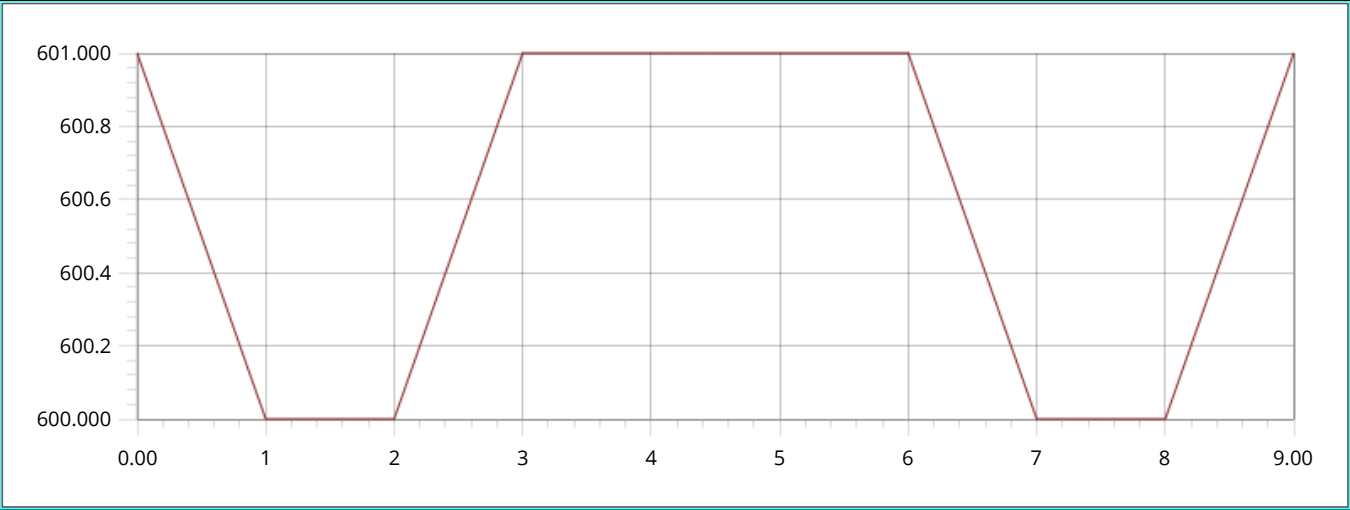
TIME Tripped	
Status:	Done
Time Tripped before:	000101000000
TIME Tripped	
Status:	Done
Time Tripped after:	000101000007
Check Time Tripped	

Status:	Failed
String:	000101000007
Comparison Type:	Ignore Case
Time tripped check	
Status:	Passed

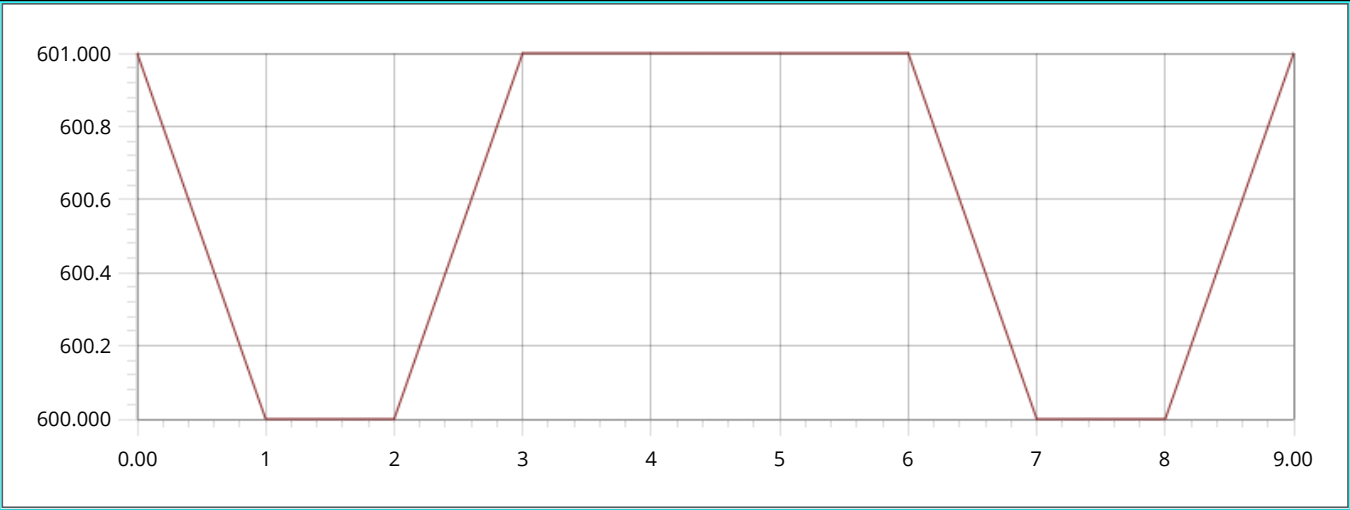
Manoeuvre parameters graphs	
Status:	Done
Peak current in mA[0..9]:	
Motor torque in mN-m[0..9]:	
Time to max torque in ms[0..9]:	
Peak torque toggle angle in degree[0..9]:	



Closing time in ms[0..9]:



Opening time in ms[0..9]:



Maneuver attempt ongoing	
Status:	Done
Register Value:	No Maneuver
Test Manoeuvre ongoing	
Status:	Passed
Parallel Call - Read loop	
Status:	Done
Module Time:	0.0028303
Meneuvre Ongoing test	
Status:	Passed
Maneuvre Ongoing Results	
Status:	Done
Value of the register	No Maneuver

before the first change:	
Value of the register after the first change:	Maneuver ongoing
Number of changes:	2
Maneuver attempt ongoing	
Status:	Done
Register Value:	No Maneuver
Test Maneuvre ongoing	
Status:	Passed
Parallel Call - Read loop	
Status:	Done
Module Time:	0.0018569
Meneuvre Ongoing test	
Status:	Passed
Maneuvre Ongoing Results	
Status:	Done
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
Register Value:	No Maneuver
Test Maneuvre ongoing	
Status:	Passed
Total Number of manœuvre	
Status:	Done
Register Value:	54
Total Number of closing manœuvre	
Status:	Done
Register Value:	29
Total Number of maneuver	
Status:	Done
Register Value:	74
Test total number manœuvre	
Status:	Passed
Total Number of closing maneuver	
Status:	Done
Register Value:	39
Test total number closing	
Status:	Passed
Output 1	

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

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

Test output 2		
Status:		Passed

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

Register Value:	Not Active
Test Input 1	
Status:	Passed
Input 2	
Status:	Done
Register Value:	Not Active
Test Input 2	
Status:	Passed

TIME Power Fail	
Status:	Done
Time Power Fail before:	FFFFFFFFFFFF
TIME Power Fail	
Status:	Done
Time Power Fail after:	FFFFFFFFFFFF
Check Power Fail Time	
Status:	Passed
String:	FFFFFFFFFFFF
Limits:	
String:	FFFFFFFFFFFF
Comparison Type:	Ignore Case
Time power fail	
Status:	Failed

LAST DEMANDED COMMAND FAILED PF	
Status:	Done
Register Value:	All command completed
Test last demanded command	
Status:	Passed
LAST DEMANDED COMMAND FAILED PF	
Status:	Done
Register Value:	All command completed
Test last demanded command	
Status:	Passed
Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0054033
Meneuvre power fail test	
Status:	Passed
Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0019478
Meneuvre power fail test	
Status:	Failed

Diagnostic register	
Status:	Done
Register Value:	0
Pass/Fail Test	
Status:	Failed
Diagnostic register	
Status:	Done

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

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

Product type number ID MOD	
Status:	Done
Register Value:	MOD LOW VOLTAGE
Product type number ID COMM	
Status:	Done
Register Value:	COMM1_RS485
Product Type MOD	
Status:	Done
Product Type MOD:	4D4F445F4C56FFFFFFFFFFFFFFFFFFFF
Product Type COMM	
Status:	Done
Product Type COMM:	"
Serial Number MOD	
Status:	Done
Serial Number MOD:	FFFFFFFFFFFFFFFFFFFF
Serial Number COMM	
Status:	Done
Serial Number COMM:	FFFFFFFFFFFFFFFFFFFF
FW Version MOD	
Status:	Done
FW Version MOD:	56010706
FW Version COMM	
Status:	Done
FW Version COMM:	42030100
Modbus RTU parameter Slave Address	
Status:	Done
Register Value:	1
Modbus RTU parameter Baud Rate	
Status:	Done
Register Value:	19200
Modbus RTU parameter Parity	
Status:	Done
Register Value:	EVEN

End Sequence: Modbus Register check

Modbus settings check

Status:	Skipped
COMM LED & Button	
Status:	Skipped
Firmware Upgrade	
Status:	Skipped

End Sequence: MainSequence

End UUT Report

