

UUT Report

Station ID: IT-W-7303101
Serial Number: NONE
Date: mercoledì 21 giugno 2023
Time: 10:05:57
Operator: administrator
Execution Time: 2263.4451421 seconds
Number of Results: 1652
UUT Result: Failed
Product: ARI LV
Product type: ARI LV
Comm type: COMM1_RS485
Product FW Version: 56010707
Comm FW Version: 42030100
Failure Chain:

Step	Sequence	Sequence File
Check Half open	Power Outage	General_test.seq
Power Outage	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:	137.009932

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 Outputs stand-by	
Status:	Passed
Configuration:	MOD in Lock State
Output 1:	False
Output 2:	False
Additional Results	
Status:	Done
PopupString:	Check that closing has not worked due to input command but for the auto-reclosing.
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check ARI is in Lock state.
Status:	Passed
Check Outputs	
Status:	Passed
Configuration:	MOD in Lock State
Output 1:	False
Output 2:	True

Check Outputs	
Status:	Passed
Configuration:	MOD in Lock State
Output 1:	False
Output 2:	True
Additional Results	
Status:	Done
PopupString:	Check that remote closing not worked.
Status:	Passed

End Sequence: I/O

Power Outage	
Status:	Failed
Module Time:	93.4352294

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
Check Half open	
Status:	Failed
Additional Results	
Status:	Done
PopupString:	Check that the MOD open automatically the MPD at power On and reclose without dead time.
Status:	Passed

End Sequence: Power Outage

Motor Driver	
Status:	Passed
Module Time:	584.998663

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
Limits:	
Low:	1

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

End Sequence: Motor Driver

Modbus Register check	
Status:	Failed
Module Time:	1424.1192039

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:	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

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus has not worked due to closing command but for autoreclosing procedure.
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 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
Reclosing attempts	
Status:	Done
Register Value:	3
Waiting time among reclosing	
Status:	Done
Register Value:	3
Neutralization time	
Status:	Done
Register Value:	12
Additional Results	
Status:	Done
PopupString:	Check that the ARI entered the Lock state with the prefixed settings.
Status:	Passed
Reclosing attempts	
Status:	Done
Register Value:	5
Test Update Reclosing attempts	
Status:	Passed
Waiting time among reclosing	
Status:	Done
Register Value:	5
Test Update Time among reclosing	
Status:	Passed
Neutralization time	
Status:	Done
Register Value:	45
Test Update Neutralization time	
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check that the ARI entered the Lock state with the new settings.

Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check that the ARI entered the Lock state with the new settings.
Status:	Passed
Additional Results	
Status:	Done
PopupString:	Check with modbus poll that the maximum settable value of the neutralization time and waiting time before reclosing is 300 and the maximum number of reclosing attempts is 10.
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:	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

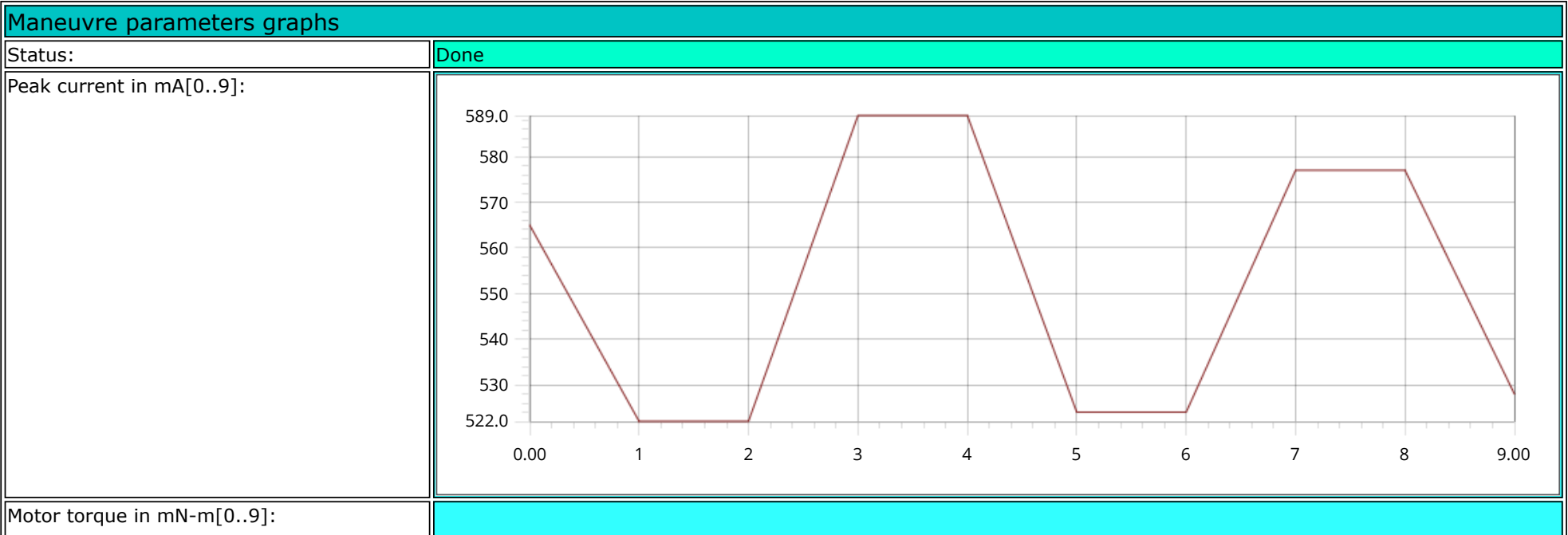
Tripped	
Status:	Done
Register Value:	No Trip
Test Tripped	
Status:	Passed

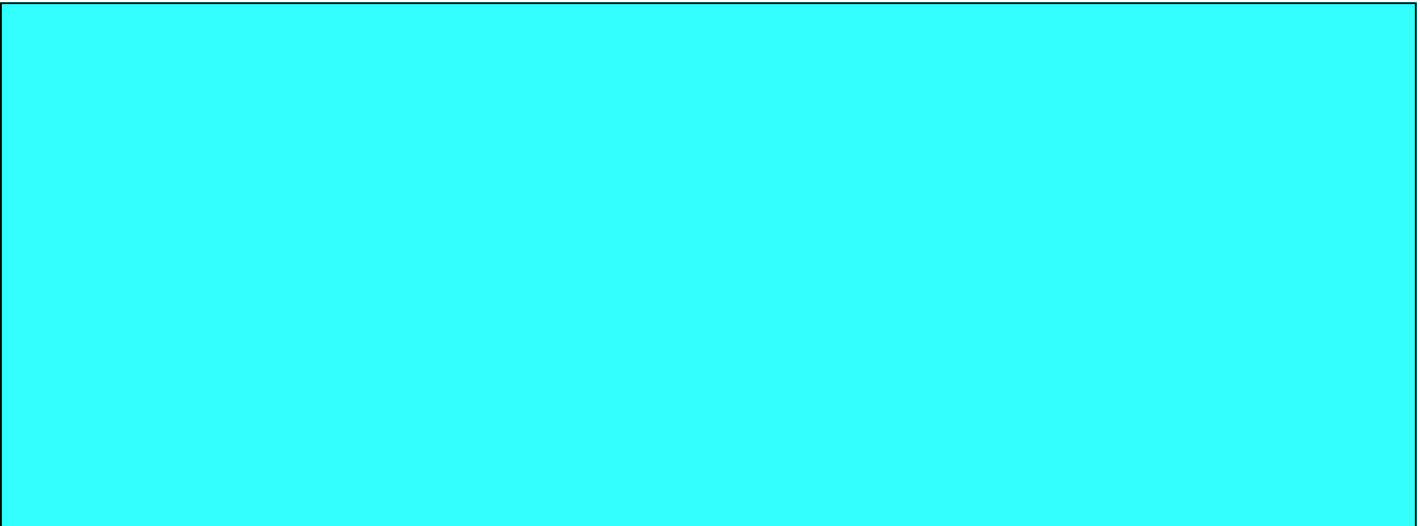
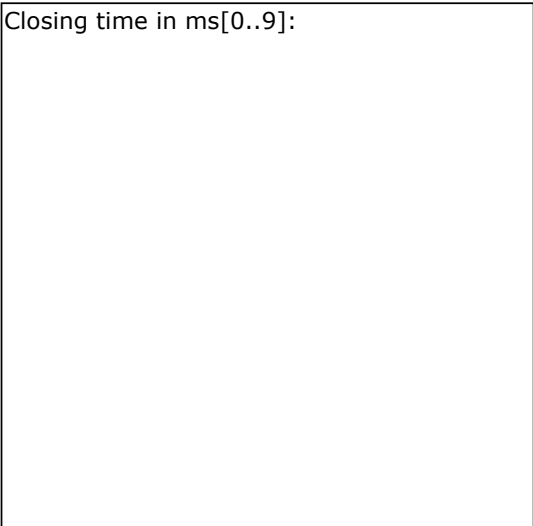
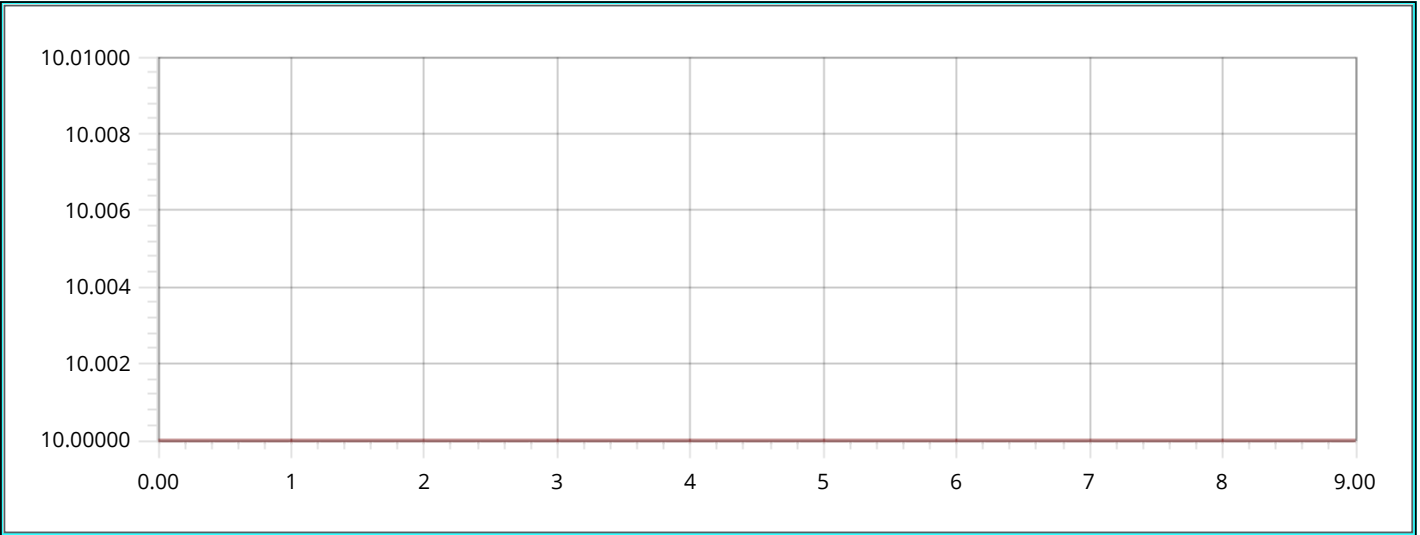
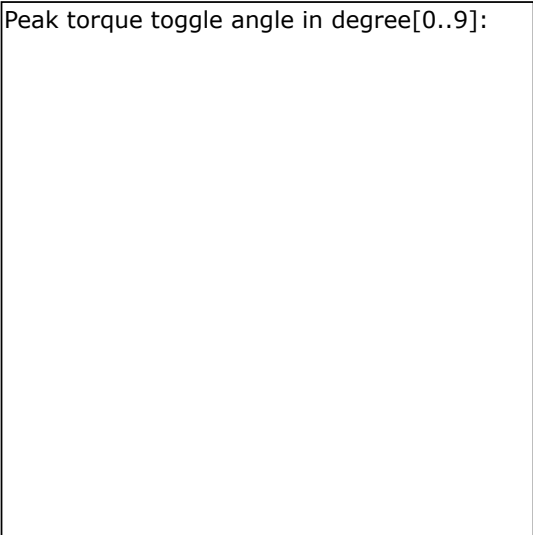
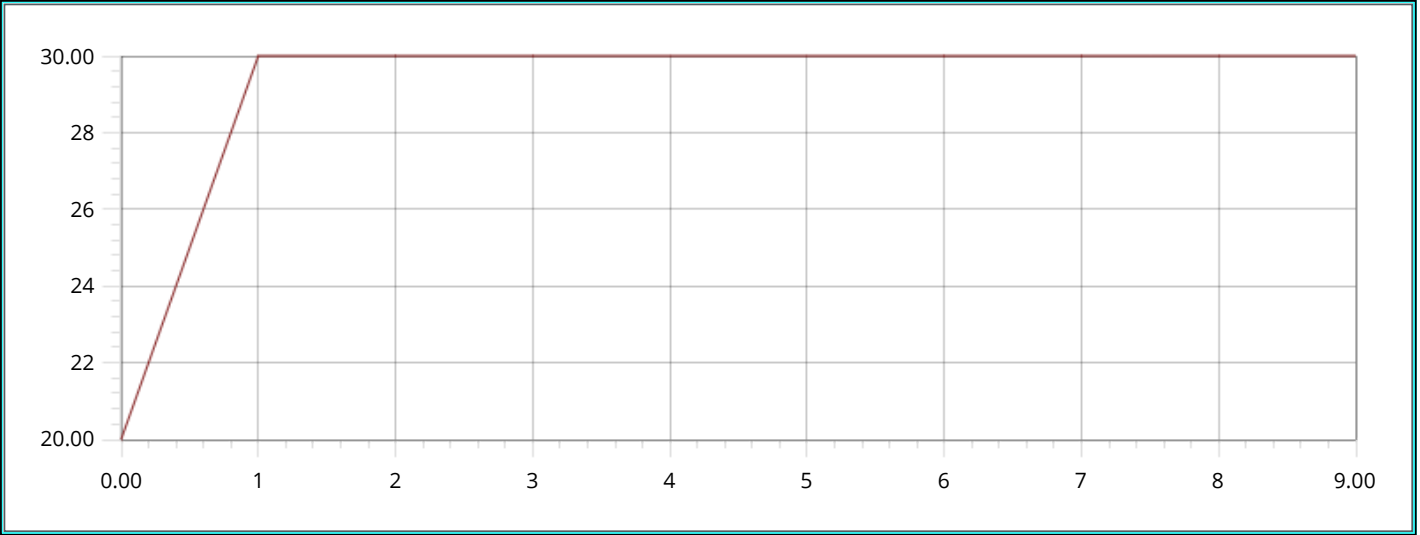
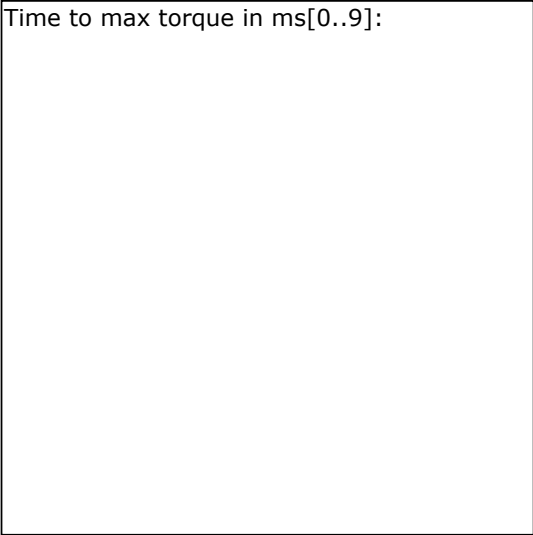
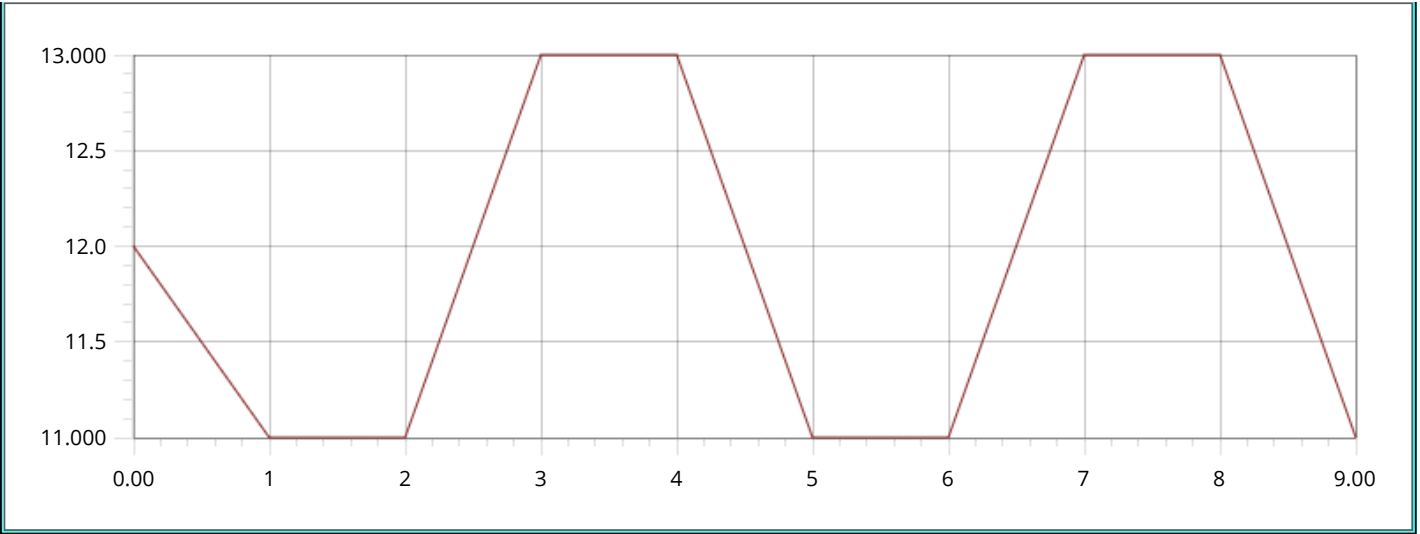
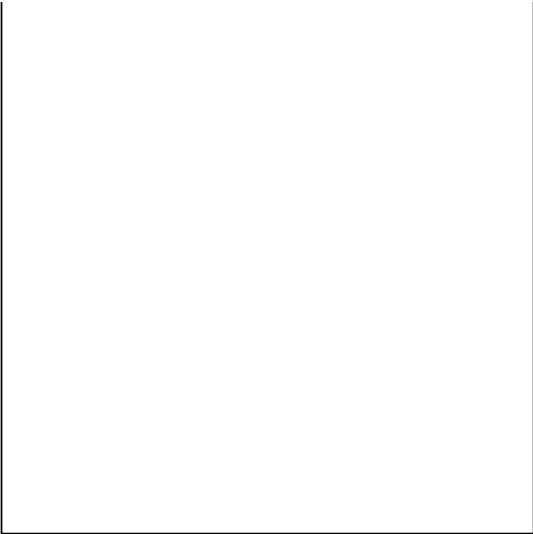
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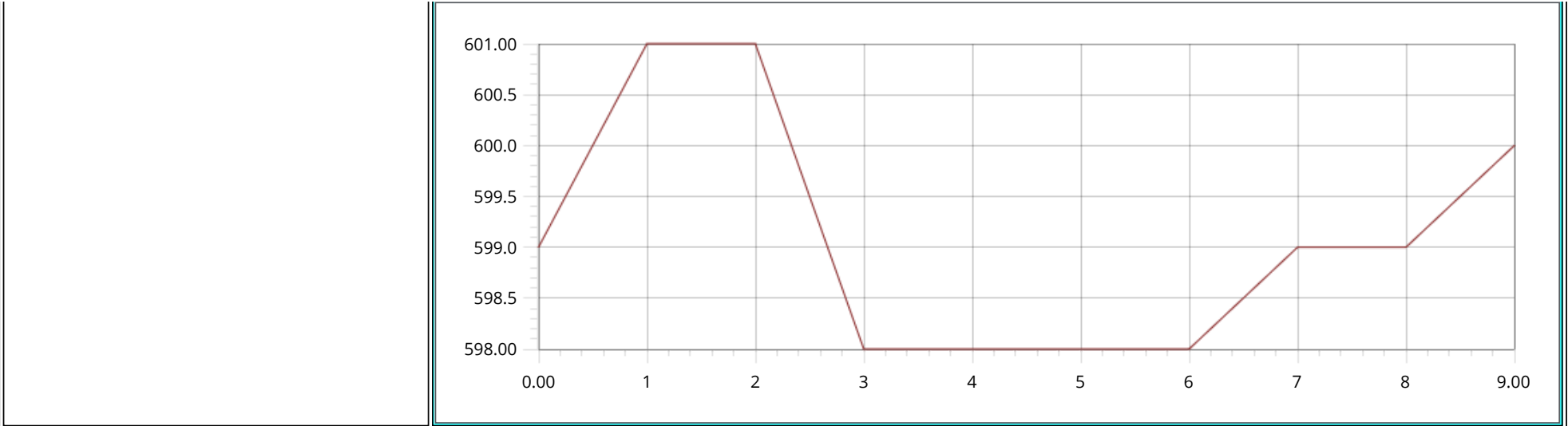
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed

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

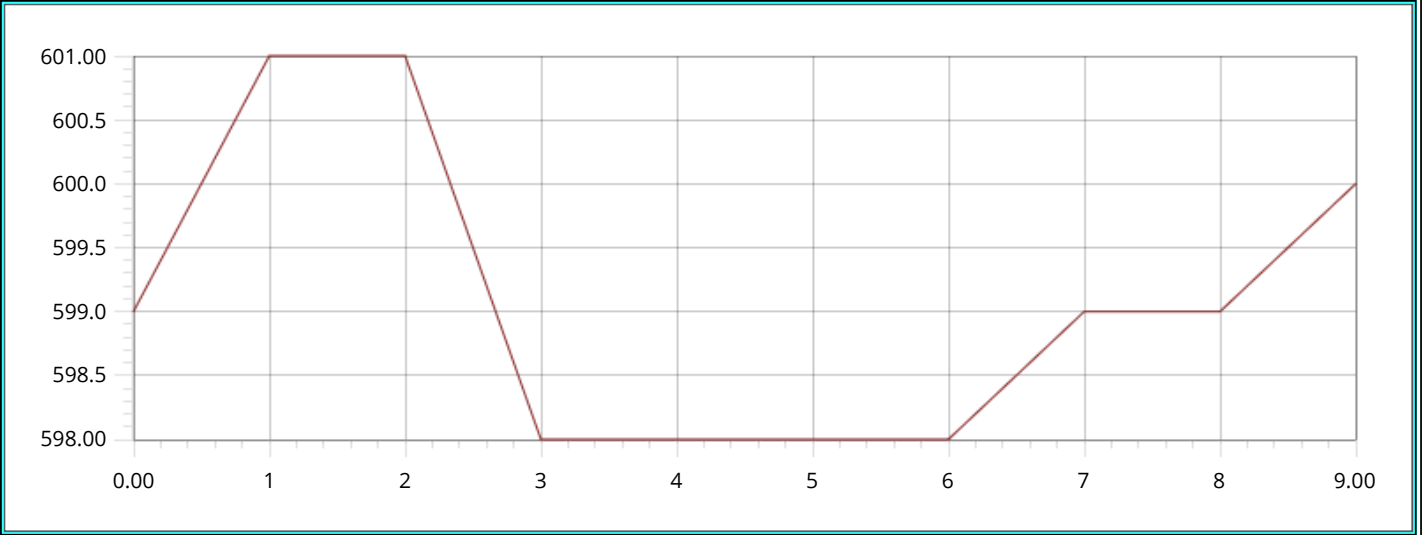
TIME Tripped	
Status:	Done
Time Tripped before:	000101000000
TIME Tripped	
Status:	Done
Time Tripped after:	000101000008
Check Time Tripped	
Status:	Failed
String:	000101000008
Limits:	
String:	000101000000
Comparison Type:	Ignore Case







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:	0.0023939
Manoeuvre Ongoing test	
Status:	Passed
Manoeuvre 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 Manoeuvre ongoing	
Status:	Passed
Parallel Call - Read loop	
Status:	Done
Module Time:	0.0020544
Manoeuvre Ongoing test	

Status:	Passed
Manoeuvre 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 Manoeuvre ongoing	
Status:	Passed
Total Number of manoeuvre	
Status:	Done
Register Value:	278
Total Number of closing manoeuvre	
Status:	Done
Register Value:	248
Total Number of maneuver	
Status:	Done
Register Value:	298
Test total number manoeuvre	
Status:	Passed
Total Number of closing maneuver	
Status:	Done
Register Value:	258
Test total number closing	
Status:	Passed

Total Number of manoeuvre	
Status:	Done
Register Value:	298
Total Number of closing manoeuvre	
Status:	Done
Register Value:	258
Total Number of maneuver	
Status:	Done
Register Value:	308
Test total number manoeuvre	
Status:	Passed
Measurement:	308
Limits:	
Low:	308
Comparison Type:	EQ (==)
Total Number of closing maneuver	
Status:	Done
Register Value:	268
Test total number closing	
Status:	Passed
Measurement:	268
Limits:	

Low:	268
Comparison Type:	EQ (==)

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-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 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 Time Tripped	
Status:	Passed
String:	FFFFFFFFFFFF
Limits:	
String:	FFFFFFFFFFFF
Comparison Type:	Ignore Case

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:		0.0026621
Meneuvre power fail test		
Status:		Passed
Parallel Call - Read loop power fail		
Status:		Done
Module Time:		0.0018437
Meneuvre power fail test		
Status:		Passed
Parallel Call - Read loop power fail		
Status:		Done
Module Time:		0.0018413
Meneuvre power fail test		
Status:		Passed

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:		2
Pass/Fail Test		
Status:		Passed
Diagnostic register		
Status:		Done
Register Value:		8
Pass/Fail Test		
Status:		Passed
Diagnostic register		
Status:		Done
Register Value:		1
Pass/Fail Test		
Status:		Failed
Diagnostic register		
Status:		Done
Register Value:		4
Pass/Fail Test		
Status:		Passed

Product type number ID MOD	
Status:	Done
Register Value:	ARI LOW VOLTAGE
Product type number ID COMM	
Status:	Done
Register Value:	COMM1_RS485
Product Type MOD	
Status:	Done
Product Type MOD:	4152495F4C56FFFFFFFFFFFFFFFFFFFFFF
Product Type COMM	
Status:	Done
Product Type COMM:	"
Serial Number MOD	
Status:	Done
Serial Number MOD:	FFFFFFFFFFFFFFFFFFFFFF
Serial Number COMM	
Status:	Done
Serial Number COMM:	FFFFFFFFFFFFFFFFFFFFFF
FW Version MOD	
Status:	Done
FW Version MOD:	56010707
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

End Sequence: MainSequence

End UUT Report
