

UUT Report

Station ID: IT-W-7303101
Serial Number: NONE
Date: mercoledì 22 novembre 2023
Time: 09:31:13
Operator: administrator
Execution Time: 551.177428 seconds
Number of Results: 425
UUT Result: Failed
Product: MOD LV
Product type: MOD LV
Comm type: COMM1_RS485
Product FW Version: 56010809
Comm FW Version: 56010000
Failure Chain:

Step	Sequence	Sequence File
Check Outputs	Close command and switches open - during command	FMEA.seq
Close command and switches open - during command	MainSequence	FMEA.seq



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

Close command and Switch1 closed - Switch2 open - before command	
Status:	Passed
Module Time:	39.1210566

Begin Sequence: Close command and Switch1 closed - Switch2 open - before command
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Comm Close LOG	
Status:	Done
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Read Outputs LOG	
Status:	Done
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done

Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Command not executed

End Sequence: Close command and Switch1 closed - Switch2 open - before command

Open command and Switch1 open - Switch2 closed - before command	
Status:	Passed
Module Time:	17.0788733

**Begin Sequence: Open command and Switch1 open - Switch2 closed - before command
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)**

Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Comm Open LOG	
Status:	Done
Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
Read Outputs LOG	
Status:	Done
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Command not executed

End Sequence: Open command and Switch1 open - Switch2 closed - before command

Close command and switches open - during command	
Status:	Failed
Module Time:	57.5029827

Begin Sequence: Close command and switches open - during command
(C:\Users\itlav1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Comm Close LOG	
Status:	Done
Open - Open - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	False
Check Outputs	
Status:	Failed
Configuration:	Close command and failure switch 1
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Red:	FIX RED
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Close executed. Timer expires at the closed position and device opens WITH TRIP. Then the device disengages

End Sequence: Close command and switches open - during command

Close command and switches closed - during command	
Status:	Passed
Module Time:	50.7303244

Begin Sequence: Close command and switches closed - during command
(C:\Users\itlav1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Comm Close LOG	
Status:	Done

Closed - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	True
Check Outputs	
Status:	Passed
Configuration:	Close command and failure switch 2
Output_1_SIG:	False
Output_2_AUX:	False

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Close executed. At closed position timer expires and opens with a open command. Disengage executed

End Sequence: Close command and switches closed - during command

Open command and switches closed	
Status:	Passed
Module Time:	27.0301878

Begin Sequence: Open command and switches closed - during command
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
Comm Open LOG	
Status:	Done
Closed - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	True
Check Outputs	
Status:	Passed
Configuration:	Open command and failure switch 1
Output_1_SIG:	False
Output_2_AUX:	False

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done

Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Command not executed

End Sequence: Open command and switches closed - during command

Open command and switches open	
Status:	Failed
Module Time:	22.6766349

Begin Sequence: Open command and switches open - during command
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Comm Open LOG	
Status:	Done
Open - Open - Active - ON - LOG	
Status:	Done
Switch 1:	False
Switch 2:	False
Check Outputs	
Status:	Failed
Configuration:	Open command and failure switch 2
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Open command executed, disengage executed

End Sequence: Open command and switches open - during command

TRIP true	
Status:	Passed
Module Time:	22.7202831

Begin Sequence: TRIP nominal conditions
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
Enable Outputs LOG	
Status:	Done
Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Disable Outputs LOG	
Status:	Done
Check Outputs	
Status:	Passed
Configuration:	TRIP true
Output_1_SIG:	False
Output_2_AUX:	False

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Red:	FIX RED
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	"

End Sequence: TRIP nominal conditions

Initial state closed	
Status:	Skipped

TRIP both switches open	
Status:	Failed
Module Time:	29.1930356

Begin Sequence: TRIP both switches open
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
Enable Outputs LOG	
Status:	Done
Open - Open - Active - ON - LOG	
Status:	Done

Switch 1:	False
Swtich 2:	False
Disable Outputs LOG	
Status:	Done
Open - Closed - Active - ON - LOG	
Status:	Skipped
Check Outputs	
Status:	Failed
Configuration:	TRIP both switches open
Output_1_SIG:	True
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Red:	FIX RED
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	trip detected, disengage executed

End Sequence: TRIP both switches open

Initial state closed	
Status:	Skipped

TRIP both switches closed	
Status:	Passed
Module Time:	62.3629036

Begin Sequence: TRIP both switches closed
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
Enable Outputs LOG	
Status:	Done
Closed - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	True
Disable Outputs LOG	
Status:	Done
Open - Closed - Active - ON - LOG	
Status:	Skipped
Check Outputs	
Status:	Passed

Configuration:	TRIP true
Output_1_SIG:	False
Output_2_AUX:	False

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	trip not detected, no opening command, no disengage. just F204 opening

End Sequence: TRIP both switches closed

Initial state closed	
Status:	Skipped

TRIP - Switch1 open - Switch2 closed	
Status:	Failed
Module Time:	37.5324549

Begin Sequence: TRIP - Switch1 closed - Switch2 Open
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Enable Outputs LOG	
Status:	Done
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Disable Outputs LOG	
Status:	Done
Check Outputs	
Status:	Failed
Configuration:	TRIP true
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?

Status:	UNLOCKED
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Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	trip not detected, no opening command, no disengage. Just F204 opening

End Sequence: TRIP - Switch1 closed - Switch2 Open

Initial state closed	
Status:	Passed
Module Time:	44.2203571

Begin Sequence: Initial State closed
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Switch 2:	True
Comm Close LOG	
Status:	Done
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Read Outputs LOG	
Status:	Done
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Closing command just to make sure the device is in nominal conditions before next test

End Sequence: Initial State closed

Switch3 - active/no active	
Status:	Failed
Module Time:	90.3556412

Begin Sequence: Switch3 - active/no active
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\FMEA.seq)

Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Switch 3:	True
Comm Open LOG	
Status:	Done
Open - Closed - NOActive - ON - LOG	
Status:	Done
Switch 1:	False
Switch 2:	True
Switch 3:	False
Check Outputs	
Status:	Failed
Configuration:	Close command and failure switch 1
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Blinking_green:	BLINKING GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Command executed
Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Switch 2:	True
Switch 3:	True
Comm Close LOG	
Status:	Done
Closed - Open - NOActive - ON - LOG	
Status:	Done
Switch 1:	True
Switch 2:	False
Switch 3:	False
Check Outputs	
Status:	Failed
Configuration:	Close command and failure switch 1
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done

Configuration:	How is the status of LED?
Blinking_green:	BLINKING GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Command executed
Opening manœuvre	
Status:	Skipped
Closed - Open - NoActive - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
Switch 3:	False
Comm Open LOG	
Status:	Done
Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Switch 3:	True
Check Outputs	
Status:	Passed
Configuration:	Close command and failure switch 1
Output_1_SIG:	False
Output_2_AUX:	False

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Command not executed
Open - Closed - NoActive - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Switch 3:	False
Comm Close LOG	
Status:	Done
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False

Switch 3:	True
Check Outputs	
Status:	Failed
Configuration:	Close command and failure switch 1
Output_1_SIG:	False
Output_2_AUX:	True

Additional Results	
Status:	Done
Configuration:	How is the status of LED?
Fix_Green:	FIX GREEN
Additional Results	
Status:	Done
Configuration:	How is the status of MDP?
Status:	UNLOCKED

Additional Results	
Status:	Done
Configuration:	Additional notes
Status:	Command not executed

End Sequence: Switch3 - active/no active

RCCB trip - toggle blocked in closed position	
Status:	Skipped
RCCB trip - toggle blocks during open manoeuvre	
Status:	Skipped
Open command - toggle blocks during open manoeuvre	
Status:	Skipped
Open command - toggle blocked in closed position	
Status:	Skipped
Close command - toggle blocks during close manoeuvre	
Status:	Skipped
Close command - toggle blocked in open position	
Status:	Skipped

End Sequence: MainSequence

End UUT Report
