UUT Report

Station ID:	**IT-W-7303101**
Serial Number:	**NONE**
Date:	**martedì 21 novembre 2023**
Time:	**16:44:31**
Operator:	**administrator**
Execution Time:	**360.2925396 seconds**
Number of Results:	**396**
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:	19.143919

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
Swtich 2:	False
Comm Close LOG	
Status:	Done
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
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: Close command and Switch1 closed - Switch2 open - before command

Open command and Switch1 open - Switch2 closed - before command	
Status:	Passed
Module Time:	19.027036

**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:	33.4975384

Begin Sequence: Close command and switches open - during 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 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, then opens with a trip and disengage executed

End Sequence: Close command and switches open - during command

Close command and switches closed - during command	
Status:	Passed
Module Time:	30.4749101

Begin Sequence: Close command and switches closed - during 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 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, timer expires and open command executed. then disengage is executed

End Sequence: Close command and switches closed - during command

Open command and switches closed	
Status:	Passed
Module Time:	10.2670585

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:	16.8861734

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
Swtich 2:	False
Comm Open LOG	
Status:	Done
Open - Open - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 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 executed, disengage after timer executed

End Sequence: Open command and switches open - during command

TRIP true	
Status:	Skipped

Initial state closed	
Status:	Skipped

TRIP both switches open	
Status:	Passed
Module Time:	34.0971627

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:	Done
Switch 1:	False
Swtich 2:	True

Check Outputs	
Status:	Passed
Configuration:	TRIP both switches open
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:	F204 Trips, but MOD doesnt detect the trip

End Sequence: TRIP both switches open

Initial state closed	
Status:	Skipped

TRIP both switches closed	
Status:	Passed
Module Time:	24.1474341

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:	Done
Switch 1:	False
Swtich 2:	True

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:	F204 trips, but MOD doesnt detect the trip

End Sequence: TRIP both switches closed

Initial state closed	
Status:	Skipped

TRIP - Switch1 open - Switch2 closed	
Status:	Failed
Module Time:	28.6010107

Begin Sequence: TRIP - Switch1 open - Switch2 closed
(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

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:	Failed
Configuration:	TRIP true
Output_1_SIG:	True

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:	Trip detected, disengage executed

End Sequence: TRIP - Switch1 open - Switch2 closed

Initial state closed	
Status:	Passed
Module Time:	37.5376971

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
Swtich 2:	True
Comm Close LOG	
Status:	Done
Closed - Open - Active - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 2:	False
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:	Closing maneuvre put there just to get back to nominal conditions

End Sequence: Initial State closed

Switch3 - active/no active	
Status:	Failed
Module Time:	67.6857487

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
Swtich 2:	False
Switch 3:	True
Comm Open LOG	
Status:	Done
Open - Closed - NOActive - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 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:	Open executed
Open - Closed - Active - ON - LOG	
Status:	Done
Switch 1:	False
Swtich 2:	True
Switch 3:	True
Comm Close LOG	
Status:	Done
Closed - Open - NOActive - ON - LOG	
Status:	Done
Switch 1:	True
Swtich 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:	Close not executed

Opening maneuvre	
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:	Open 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:	Close 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