## **UUT Report**

**Station ID: IT-W-7303101** 

Serial Number: NONE

Date: lunedì 13 marzo 2023

Time: 11:06:58
Operator: ITLAVIT1

**Execution Time:** 00:04:57.074

Number of Results: 162 UUT Result: Failed

**Failure Chain:** 

Step	Sequence	Sequence File
Total Active	Numeric Test	D13 - Omicron or Zera - Energy Register Power Fail.seq
Numeric Tests	MainSequence	D13 - Omicron or Zera - Energy Register Power Fail.seq

**Begin Sequence: MainSequence** 

(C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\EQ Meter\Power Fail\D13\D13 - Omicron or Zera - Energy Register Power Fail.seq)

DUT recap	
Status:	Done
TestResults/Data:	
Type Designator:	B3D4MB111A
FW Version:	0.13.1
Serial Number:	11

Additional Results		
Status:	Done	
TestResults/Data:		
Total Active Import before Power Fail:	0	
Total Active Export before Power Fail:	0	
Total Active Net before Power Fail:	0	
Total Reactive Import before Power Fail:	0	
Total Reactive Export before Power Fail:	0	
Total Reactive Net before Power Fail:	0	
Total Apparent Import before Power Fail:	0	
Total Resettable Active Import before Power Fail:	8	
Total Resettable Active Export before Power Fail:	0	
Total Resettable Reactive Import before Power Fail:	8	
Total Resettable Reactive Export	0	

before Power Fail:	
Numeric Tests	
Status:	Failed
Module Time:	7.14707

Begin Sequence: Numeric Test
(C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\EQ
Meter\Power Fail\D13\D13 - Omicron or Zera - Energy Register Power Fail.seq)

Total_Active		
Status:	Failed	
Measurements:		
Measurement[0] (Total_Active_imp):		
Limits:		
Low:	0	
Comparison Type:	GT(>)	
Data:	0	
Status:	Failed	
Measurement[1] (Total_Active_exp):		
Limits:		
Low:	0	
High:	30	
Comparison Type:	GELE(>= <=)	
Data:	0	
Status:	Passed	
Measurement[2] (Total_Active_net):		
Comparison Type:	LOG	
Data:	0	
Ctatua	Dagged	
Status:	Passed	
Total_Reactive	Passed	
	Passed	
Total_Reactive		
Total_Reactive Status:	Passed	
Total_Reactive Status: Measurements:	Passed	
Total_Reactive Status: Measurements: Measurement[0] (Total_Reactive_imp)	Passed	
Total_Reactive Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:	Passed :	
Total_Reactive Status: Measurements: Measurement[0] (Total_Reactive_imp) Limits: Low:	Passed :	
Total_Reactive Status: Measurements: Measurement[0] (Total_Reactive_imp) Limits: Low: High:	Passed : 0 30	
Total_Reactive Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:	Passed : 0 30 GELE(>= <=)	
Total_Reactive Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:	Passed  :  0  30  GELE(>= <=) 0  Passed	
Total_Reactive Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:	Passed  :  0  30  GELE(>= <=) 0  Passed	
Total_Reactive  Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:  Measurement[1] (Total_Reactive_exp)	Passed  :  0  30  GELE(>= <=) 0  Passed	
Total_Reactive  Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:  Measurement[1] (Total_Reactive_exp)  Limits:	Passed  :  0 30  GELE(>= <=) 0  Passed :	
Total_Reactive Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:  Measurement[1] (Total_Reactive_exp)  Limits:  Low:	Passed :  0 30 GELE(>= <=) 0 Passed :	
Total_Reactive  Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:  Measurement[1] (Total_Reactive_exp)  Limits:  Low:  High:	Passed  :  0 30  GELE(>= <=) 0 Passed :  0 30	
Total_Reactive Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:  Measurement[1] (Total_Reactive_exp)  Limits:  Low:  High:  Comparison Type:	Passed  :  0 30 GELE(>= <=) 0 Passed :  0 GELE(>= <=)	
Total_Reactive  Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:  Measurement[1] (Total_Reactive_exp)  Limits:  Low:  High:  Comparison Type:  Data:  Data:  Data:  Data:  Low:  High:  Comparison Type:  Data:	Passed  :  0 30 GELE(>= <=) 0 Passed :  0 30 GELE(>= <=) 0 Passed :	
Total_Reactive Status:  Measurements:  Measurement[0] (Total_Reactive_imp)  Limits:  Low:  High:  Comparison Type:  Data:  Status:  Measurement[1] (Total_Reactive_exp)  Limits:  Low:  High:  Status:  Status:	Passed  :  0 30 GELE(>= <=) 0 Passed :  0 30 GELE(>= <=) 0 Passed :	

Data:	0		
Status:	Passed		
Total_Apparent			
Status:	Failed		
Numeric:	0		
Limits:			
Low:	0		
Comparison Type:	GT(>)		
Resettable_Active			
Status:	Passed		
Measurements:			
Measurement[0] (Active imp):			
Limits:			
Low:	0		
Comparison Type:	GT(>)		
Data:	8		
Status:	Passed		
Measurement[1] (Active exp):			
Limits:			
Low:	0		
High:	30		
Comparison Type:	GELE(>= <=)		
Data:	0		
Status:	Passed		
Resettable_Reactive			
Status:	Passed		
Measurements:			
Measurement[0] (Reactive imp):			
Limits:			
Low:	0		
High:	30		
Comparison Type:	GELE(>= <=)		
Data:	8		
Status:	Passed		
Measurement[1] (Reactive exp):			
Limits:			
Low:	0		
High:	30		
Comparison Type:	GELE(>= <=)		
Data:	0		
Status:	Passed		

Additional Results	
Status:	Done
TestResults/Data:	
Total Active Import before Power Fail:	0

Total Active Export before Power Fail:	0
Total Active Net before Power Fail:	0
Total Reactive Import before Power Fail:	0
Total Reactive Export before Power Fail:	0
Total Reactive Net before Power Fail:	0
Total Apparent Import before Power Fail:	1
Total Resettable Active Import before Power Fail:	8
Total Resettable Active Export before Power Fail:	8
Total Resettable Reactive Import before Power Fail:	8
Total Resettable Reactive Export before Power Fail:	8
Numeric Tests	
Status:	Failed
Module Time:	2.07165

Begin Sequence: Numeric Test (C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\EQ Meter\Power Fail\D13\D13 - Omicron or Zera - Energy Register Power Fail.seq)

Total_Active		
Status:	Failed	
Measurements:		
Measurement[0] (Total_Active_imp):		
Limits:		
Low:	0	
High:	30	
Comparison Type:	GELE(>= <=)	
Data:	0	
Status:	Passed	
Measurement[1] (Total_Active_exp):		
Limits:		
Low:	0	
Comparison Type:	GT(>)	
Data:	0	
Status:	Failed	
Measurement[2] (Total_Active_net):		
Comparison Type:	LOG	
Data:	0	
Status:	Passed	
Total_Reactive		
Status:	Passed	
Measurements:		
Measurement[0] (Total_Reactive_imp):		
Limits:		

Low:	0
High:	30
Comparison Type:	GELE(>= <=)
Data:	0
Status:	Passed
Measurement[1] (Total_Reacti	ve_exp):
Limits:	
Low:	0
High:	30
Comparison Type:	GELE(>= <=)
Data:	0
Status:	Passed
Measurement[2] (Total_Reacti	ve_net):
Comparison Type:	LOG
Data:	0
Status:	Passed
Total_Apparent	
Status:	Passed
Numeric:	1
Limits:	,
Low:	0
Comparison Type:	GT(>)
Resettable_Active	
Status:	Passed
Measurements:	
Measurement[0] (Active imp):	
Limits:	
Low:	8
High:	38
Comparison Type:	GELE(>= <=)
Data:	8
Status:	Passed
Measurement[1] (Active exp):	
Limits:	
Low:	0
Comparison Type:	GT(>)
Data:	8
Status:	Passed
Resettable_Reactive	rasseu
Status:	Passed
Measurements:	i asseu
Measurement[0] (Reactive imp	2):
Limits:	٧)٠
	8
Low:	
High:	38
Comparison Type:  Data:	GELE(>= <=)
l lata:	8
Status:	Passed

Measurement[1] (Reactive exp):	
Limits:	
Low:	0
High:	30
Comparison Type:	GELE(>= <=)
Data:	8
Status:	Passed

Additional Results	
Status:	Done
TestResults/Data:	
Total Active Import before Power Fail:	0
Total Active Export before Power Fail:	0
Total Active Net before Power Fail:	0
Total Reactive Import before Power Fail:	1
Total Reactive Export before Power Fail:	0
Total Reactive Net before Power Fail:	0
Total Apparent Import before Power Fail:	2
Total Resettable Active Import before Power Fail:	8
Total Resettable Active Export before Power Fail:	8
Total Resettable Reactive Import before Power Fail:	8
Total Resettable Reactive Export before Power Fail:	8
Numeric Tests	
Status:	Failed
Module Time:	21.907

Begin Sequence: Numeric Test (C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\EQ Meter\Power Fail\D13\D13 - Omicron or Zera - Energy Register Power Fail.seq)

Total_Active		
Status:	Passed	
Measurements:		
Measurement[0] (Total_Active_imp):		
Limits:		
Low:	0	
High:	30	
Comparison Type:	GELE(>= <=)	
Data:	0	
Status:	Passed	

Limits:	
Low:	0
High:	30
Comparison Type:	GELE(>= <=)
Data:	0
Status:	Passed
Measurement[2] (Total_Active	e_net):
Comparison Type:	LOG
Data:	0
Status:	Passed
Total_Reactive	
Status:	Passed
Measurements:	
Measurement[0] (Total_React	cive_imp):
Limits:	
Low:	0
Comparison Type:	GT(>)
Data:	1
Status:	Passed
Measurement[1] (Total_React	:ive_exp):
Limits:	
Low:	0
High:	30
Comparison Type:	GELE(>= <=)
Data:	0
Status:	Passed
Measurement[2] (Total_React	
Comparison Type:	LOG
Data:	0
Status:	Passed
Total_Apparent	
Status:	Passed
Numeric:	2
Limits:	
Low:	1
Comparison Type:	GT(>)
Resettable_Active	n i
Status:	Passed
Measurements:	
Measurement[0] (Active imp)	:
Limits:	
Low:	8
High:	38
Comparison Type:	GELE(>= <=)
Data: Status:	8 Passed
	HUDGGOD

Lauri		
Low:	8	
High:	38	
Comparison Type:	GELE(>= <=)	
Data:	8	
Status:	Passed	
Resettable_Reactive		
Status:	Failed	
Measurements:		
Measurement[0] (Reactive imp):		
Limits:		
Low:	8	
Comparison Type:	GT(>)	
Data:	8	
Status:	Failed	
Measurement[1] (Reactive exp):		
Limits:		
Low:	8	
High:	38	
Comparison Type:	GELE(>= <=)	
Data:	8	
Status:	Passed	

Additional Results		
Status:	Done	
TestResults/Data:		
Total Active Import before Power Fail:	0	
Total Active Export before Power Fail:	0	
Total Active Net before Power Fail:	0	
Total Reactive Import before Power Fail:	1	
Total Reactive Export before Power Fail:	0	
Total Reactive Net before Power Fail:	0	
Total Apparent Import before Power Fail:	3	
Total Resettable Active Import before Power Fail:	8	
Total Resettable Active Export before Power Fail:	8	
Total Resettable Reactive Import before Power Fail:	8	
Total Resettable Reactive Export before Power Fail:	8	
Numeric Tests		
Status:	Failed	
Module Time:	3.9856	

## Begin Sequence: Numeric Test (C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\EQ Meter\Power Fail\D13\D13 - Omicron or Zera - Energy Register Power Fail.seq)

Total_Active	
Status:	Passed
Measurements:	i assea
Measurement[0] (Total_Active_imp):	
Limits:	
Low:	0
High:	30
Comparison Type:	GELE(>= <=)
Data:	0
Status:	Passed
Measurement[1] (Total_Active_exp):	
Limits:	
Low:	0
High:	30
Comparison Type:	GELE(>= <=)
Data:	0
Status:	Passed
Measurement[2] (Total_Active_net):	rassea
Comparison Type:	LOG
Data:	0
Status:	Passed
Total_Reactive	i dobed
_	
Status:	Failed
Status: Measurements:	Failed
Measurements:	
Measurements:  Measurement[0] (Total_Reactive_imple)	o):
Measurements:  Measurement[0] (Total_Reactive_imple	
Measurements:  Measurement[0] (Total_Reactive_imple	1 31
Measurements:  Measurement[0] (Total_Reactive_implication)  Limits:  Low:	1
Measurements:  Measurement[0] (Total_Reactive_imple	1 31 GELE(>= <=)
Measurements:  Measurement[0] (Total_Reactive_imple	1 31 GELE(>= <=) 1 Passed
Measurements:  Measurement[0] (Total_Reactive_imple	1 31 GELE(>= <=) 1 Passed
Measurements:  Measurement[0] (Total_Reactive_imple	1 31 GELE(>= <=) 1 Passed
Measurements:  Measurement[0] (Total_Reactive_imple	1 31 GELE(>= <=) 1 Passed 0):
Measurements:  Measurement[0] (Total_Reactive_imple	1 31 GELE(>= <=) 1 Passed 2):
Measurements:  Measurement[0] (Total_Reactive_imple	1
Measurements:  Measurement[0] (Total_Reactive_imple	0):  1 31 GELE(>= <=) 1 Passed 0):  0 GT(>) 0 Failed
Measurements:  Measurement[0] (Total_Reactive_imple	0):  1 31 GELE(>= <=) 1 Passed 0):  0 GT(>) 0 Failed
Measurements:  Measurement[0] (Total_Reactive_imple	0):  1 31 GELE(>= <=) 1 Passed 0):  0 GT(>) 0 Failed
Measurements:  Measurement[0] (Total_Reactive_imple	0):    1
Measurements:  Measurement[0] (Total_Reactive_imple	0):  1 31 GELE(>= <=) 1 Passed 0):  0 GT(>) 0 Failed :): LOG 0
Measurements:  Measurement[0] (Total_Reactive_imple	0):  1 31 GELE(>= <=) 1 Passed 0):  0 GT(>) 0 Failed :): LOG 0
Measurements:  Measurement[0] (Total_Reactive_imple	0):  1 31 GELE(>= <=) 1 Passed 0):  0 GT(>) 0 Failed :): LOG 0 Passed
Measurements:  Measurement[0] (Total_Reactive_imple	0):    1

Low:	2	
Comparison Type:	GT(>)	
Resettable_Active		
Status:	Passed	
Measurements:		
Measurement[0] (Active imp):		
Limits:		
Low:	8	
High:	38	
Comparison Type:	GELE(>= <=)	
Data:	8	
Status:	Passed	
Measurement[1] (Active exp):		
Limits:		
Low:	8	
High:	38	
Comparison Type:	GELE(>= <=)	
Data:	8	
Status:	Passed	
Resettable_Reactive		
Status:	Failed	
Measurements:		
Measurement[0] (Reactive imp	p):	
Limits:		
Low:	8	
High:	38	
Comparison Type:	GELE(>= <=)	
Data:	8	
Status:	Passed	
Measurement[1] (Reactive exp	o):	
Limits:		
Low:	8	
Comparison Type:	GT(>)	
Data:	8	
Status:	Failed	

**End Sequence: MainSequence** 

## **End UUT Report**