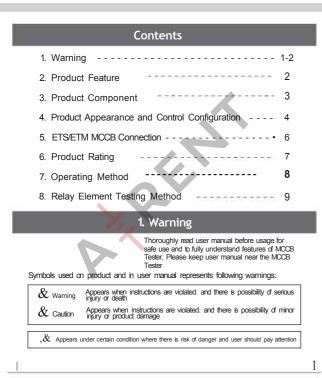
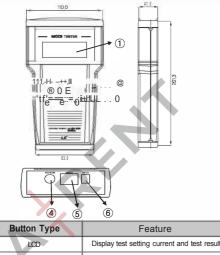
Susol ETS/ETM Tester

USER MANUAL

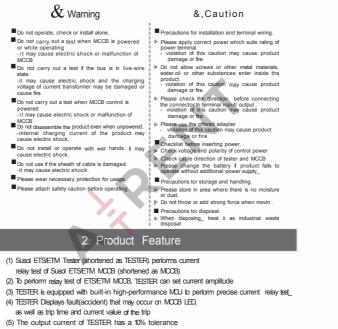


4. Product Appearance and Control Configuration



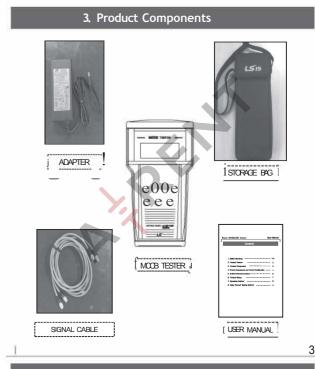
e	LCD	Display test setting current and test result
e	١Ð	Display set frequency
e	BUTTON	Display moving and setting of the menu
0	Signal Output Terminal	MCCB connecting terminal
0	Power Switch	Power ONOFF
0	Adapter Terminal	Control power terminal of the tester

NO.



(6) For self-protection, the output of TESTER current lasts only up to 1500 seconds.

4. Product Appearance and Control Configuration ee0e eee -..... . . . -15-NO. Button Type Feature Go back to the main screen 1 ESC 2 Increase the set value 3 Decrease set value ••• 4 ENTER Save set value setting 5 START Begin waveform generation 6 STOP Stop waveform generation 7 Hz Change frequency



5. MCCB Connection

5-1 . MCCB Connecting Method

Connect the other-side of cable to MCCB

- When connecting Signal Cable to MCCB, please plug the cable in correct direction.

Tester uses 6-pins connector and MCCB uses 2 or 6-pins connector.



Note)

1 Do not carry out a lest when MCCB control is powered.

2. Do no turn on control power of MCCB while connected to the Tester.

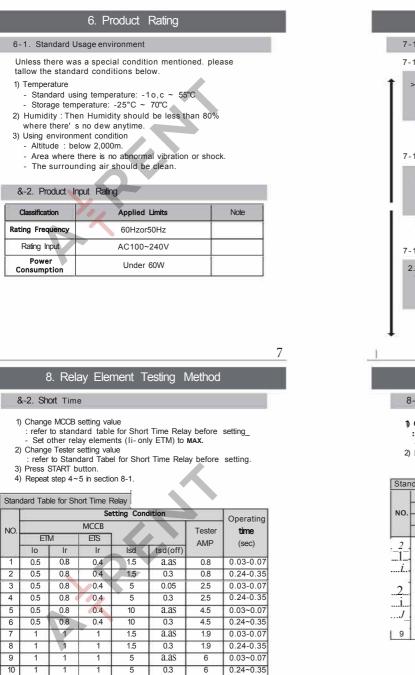
3. After connecting MCCB to the Tester, turn on the Tester

and press any buttons to apply the power to MCCB.4, When the test is completed. press ESC button for 1 second back to previous menu.

2

Susol ETS/ETM Tester

USER MANUAL INSTRUCTION



a.as

0.3

8

8

1

9

9

0.03-0.07

0.24-0.35

11

12

1

1

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8-3. Instantaneous Time	START	Tester will se	nd output sig	gnal.	
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8-3. Instantaneous Time					
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11

8. Relay Element Testing Method

&-1. Long Time

1) Change MCCB setting value : refer to Standard table for Long Time Relay before setting.

- Set other relay elements (lsd / i) to MAX
- 2) Change Tester setting value
- : refer to Standard Table for Long Time Relay before setting. 3) Press STAITT button.
- 4) The trip will be operated after the count down.
- Also, time count will be displayed on Tester LCD screen
- Please check whether the trip operated within the standard time period.
- 5) Check the normal operation factors(parts) by LED of MCCB(only ETM).

Stan				ne Relay			
	Setting Condition				Operating		
NO.	МССВ			Tester			
NU.	ETI	И	ETS		AMP	time (sec)	
	lo	lr	lr	tr		Cold	Hot
1	0.5	0.8	0.4	6	2	6~12	2~4
2	0.5	1	0.5	6	2	9-19	3-7
3	0.6	1	0.6	6	2	14-27	4-10
4	0.7	1	0.7	6	2	20~38	6~13
5	0.8	1	0.8	6	2	27~50	9~18
6	0.9	1	0.9	6	2	35~65	12~24
7	1	1	1	6	2	45~84	16~32

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