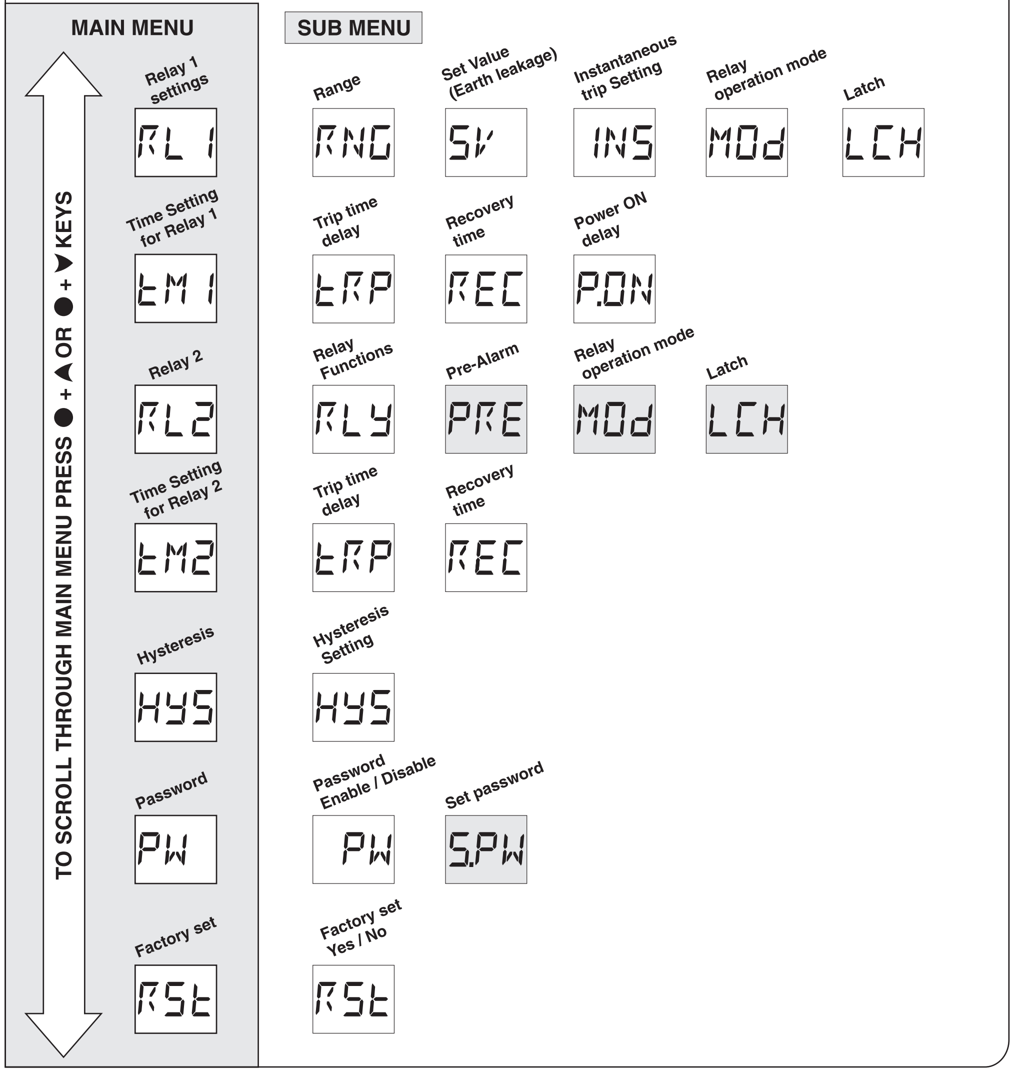
CONFIGURATION MENU

Press ▲ + ▼ for 3sec. to enter or exit configuration menu.


MAIN MENU
SUB MENU
TO SCROLL THROUGH MAIN MENU PRESS ● + ▲ OR ● + ▼ KEYS
Relay 1 settings
RL 1
Range
RNG
Set Value (Earth leakage)
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Relay operation mode
MOd
Latch
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Time Setting for Relay 1
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Trip time delay
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Relay 2
RL2
Relay Functions
RLY
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PRE
Relay operation mode
MOd
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LCH
Time Setting for Relay 2
tM2
Trip time delay
tRP
Recovery time
REC
Hysteresis
HYS
Hysteresis Setting
HYS
Password
PW
Password Enable / Disable
PW
Set password
S.PW
Factory set
RSt
Factory set Yes / No
RSt

Note : Appearance of shaded menus depends on selection of parent parameter**.**

SUB MENU

Relay 1 (RL1) settings

Press ▲ to enter sub menu from main menu

Press ▲ or ▼ to scroll through sub menu

Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
RNG	Trip Current Range	550 mA	33.0mA / 550mA / 5.50A / 30.0A	Depending upon this selection, the set trip value will be prompted. If this setting is changed the default trip value is loaded. 'OVR' will be displayed; if input current is greater than selected Range.
SV	Set trip value for earth leakage	R1 100 mA	SV can be programmed between 30.0mA to 30A irrespective of the selected range. Default SV for different ranges are : 33.0mA : 30.0mA 550mA : 100mA 5.50A : 1.00A 30.0A : 10.0A	If SV exceeds max limit of specified range then next range will automatically be made applicable. For eg.If SV is set 40mA, range will get changed from 33mA to 550mA automatically.
INS	Instantaneous trip selection	R1 ON	OFF / ON (5 times of set current)	If INS = ON and leakage current ≥ 5 times the set value, the relay trips instantaneously irrespective of trip time delay
MOd	Relay operation mode	R1 ON	ON / OFF (In ON mode, contact will be in changed over state in normal condition)	In Healthy condition, ON : NO OFF : NC
LCH	Latch	R1 OFF	ON / OFF	If Latch is ON, user has to reset the unit manually when fault is removed

Time Setting for Relay 1 (TM1)

Press ▲ to enter sub menu from main menu

Press ▲ or ▼ to scroll through sub menu

Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
tRP	Trip Time Delay	0.0 s R1 t	0.0 - 99.9 Sec.	(NA for 33mA range)
REC	Recovery Time Delay	0.5 s R1 t off	0.0 - 99.9 Sec.	
P.ON	Power ON Delay	5.0 s R1 ton	0.5 - 99.9 Sec.	Applicable for Relay 1 & Relay 2

Relay 2 (RL2) Press ▲ to enter sub menu from main menu

Press ▲ or ▼ to scroll through sub menu | Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
RLY	Relay 2 Functions	PRE R2	RL1 / PRE	If RL1 is selected, all the settings done for RL1 will be automatically set for RL2 and no other parameter of RL2 will be prompted.
PRE	Pre-Alarm	90 R2 %	50 to 100% for 33.0mA range & 60 to 100% for all other ranges	Will be prompted only when RL2 = PRE
MOd	Relay operation mode	OFF R2	ON / OFF	In Healthy condition, ON : NO OFF : NC
LCH	Latch	OFF R2	ON / OFF	If Latch is ON, user has to reset the unit manually when fault is removed

Time Setting for Relay 2 (TM2) Press ▲ to enter sub menu from main menu

Press ▲ or ▼ to scroll through sub menu | Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
tRP	Trip time delay	s 0.0 R2 t	0.0 - 99.9 Sec.	(NA for 33mA range)
REC	Recovery time delay	s 0.5 R2 t off	0.0 - 99.9 Sec.	

Hysteresis (HYS) Press ▲ to enter sub menu from main menu

Press ▲ or ▼ to scroll through sub menu | Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
HYS	Hysteresis	10 H %	5 to 40%	

Password (PW) Press ▲ to enter sub menu from main menu

Press ▲ or ▼ to scroll through sub menu | Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
PW	Password	dI S	ENB / DIS	Enable / Disable password protection option
S.PW	Set password	0	0-999	Will be prompted only when Password option is enabled
PW	**Main Menu** Password		**NOTE** : PW option will be asked when the user enter the config. menu if PW option is enabled in the config menu and the user has to enter the password which he has set in the S.PW (set password) option.	

Factory set (RST) Press ▲ to enter sub menu from main menu

Press ▲ or ▼ to scroll through sub menu | Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
RSt	Reset (Factory set)	NO	YES / NO	

TRIP VALUE SETTING **Press ▲ key for 3 sec. to enter or exit Trip Value Setting menu :**

Press ▲ or ▼ to scroll through main menu | Press ● + ▲ or ● + ▼ to change parameter value & then press ▲ to set value

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
LCK	LOCK	YES	YES / NO	This option will prompted first when the user enters the trip setting menu. User has to set NO after which he can access the trip setting menu.
SV	Set trip value for earth leakage	mA 100 R1	SV can be programmed between 30.0mA to 30A irrespective of the selected range. Default SV for different ranges are : 33.0mA : 30.0mA 550mA : 100mA 5.50A : 1.00A 30.0A : 10.0A	If SV exceeds max limit of specified range then next range will automatically be made applicable. For eg.If SV is set 40mA, range will get changed from 33mA to 550mA automatically.
PRE	Pre-Alarm	90 R2 %	50 to 100% for 33.0mA range & 60 to 100% for all other ranges	This option will be prompted only when PRE is selected for Relay2 in the config. menu.
tRP	Trip time delay for Earth Leakage	s 0.0 R1 t	0.0 - 99.9 Sec.	(NA for 33mA range)

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
tRP	Trip time delay for Pre Alarm.	0.0 s R2 t	0.0 - 99.9 Sec.	This option will not be prompted if RL1 is selected for RL2 in config. menu. (NA for 33mA range)
LCK	LOCK	NO	YES / NO, (In this option if YES is selected by the user, then whenever the user enters the Trip Value Setting, initially LOCK option will be prompted. The user will have to set NO after which he can access the trip setting menu. If the user wants to disable LOCK option, he can set NO when LOCK option is prompted after TRP option.)	

TEST & RESET FUNCTION

● LED ON ○ LED OFF

KEY	DESCRIPTION	DISPLAY (For 1sec.)	LED's	CONDITION
For TEST	Press TST key for >2 Sec.	tSt	○ ○ R1 R2	Applicable only when unit is in healthy condition.
Test passed		OK	● ● R1 R2	If test is passed, OK will be displayed till reset button is pressed.
Test Failed		ER2	○ ○ R1 R2	----
RST	Press RST key for >2 Sec.	Actual Value	○ ○ R1 R2	If current is in mA then "mA" will be indicated.

CBCT DETECTION	If CBCT error is there, display will show CT.E and all LED's will be blinking.
TRIP INDICATION	Trip Indication on press of ▲ key : Trip value will be displayed till the key is pressed.
RESET	Press ● key for 3sec. to reset manually

Master Password : 753

WARRANTY / LIMITATIONS OF LIABILITY

Selec warrants the products to be free from defects in the materials and workmanship for a period of one year (or other period specified, if any) from the date of sale by Selec.

The warranty does not apply to defects resulting from any action of the buyer, including but not limited to improper handling, operating the product outside the specification limits or unauthorized disassembling / altering of the product. The warranty shall be VOID if the product shows evidence of having been tampered or being damaged due to usage in corrosive environment ; or current, heat, moisture or vibration ; improper specification; wrong usage in an application misuse or other operating conditions outside of Selec's control.

Selec shall not be responsible for special, indirect or consequential damages, loss of profits or commercial loss in any way connected with the products, whether such claim is based on contract, warranty, negligence or strict liability.

In no event shall the responsibility of Selec for any act exceed the individual price of the product on which liability is asserted.

In no event shall Selec be responsible for warranty or other claims regarding the products unless Selec's analysis confirms that the products were properly handled, stored, installed and maintained and not subject to contamination, abuse, misuse or inappropriate modification or repair.

ORDER CODE INFORMATION

PRODUCT	SUPPLY	CERTIFICATION	
		CE	cULus LISTED
900ELR-2-230V-CE	230VAC (±15%)	▪	—

(Specifications subject to change as development is a continuous process.)

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