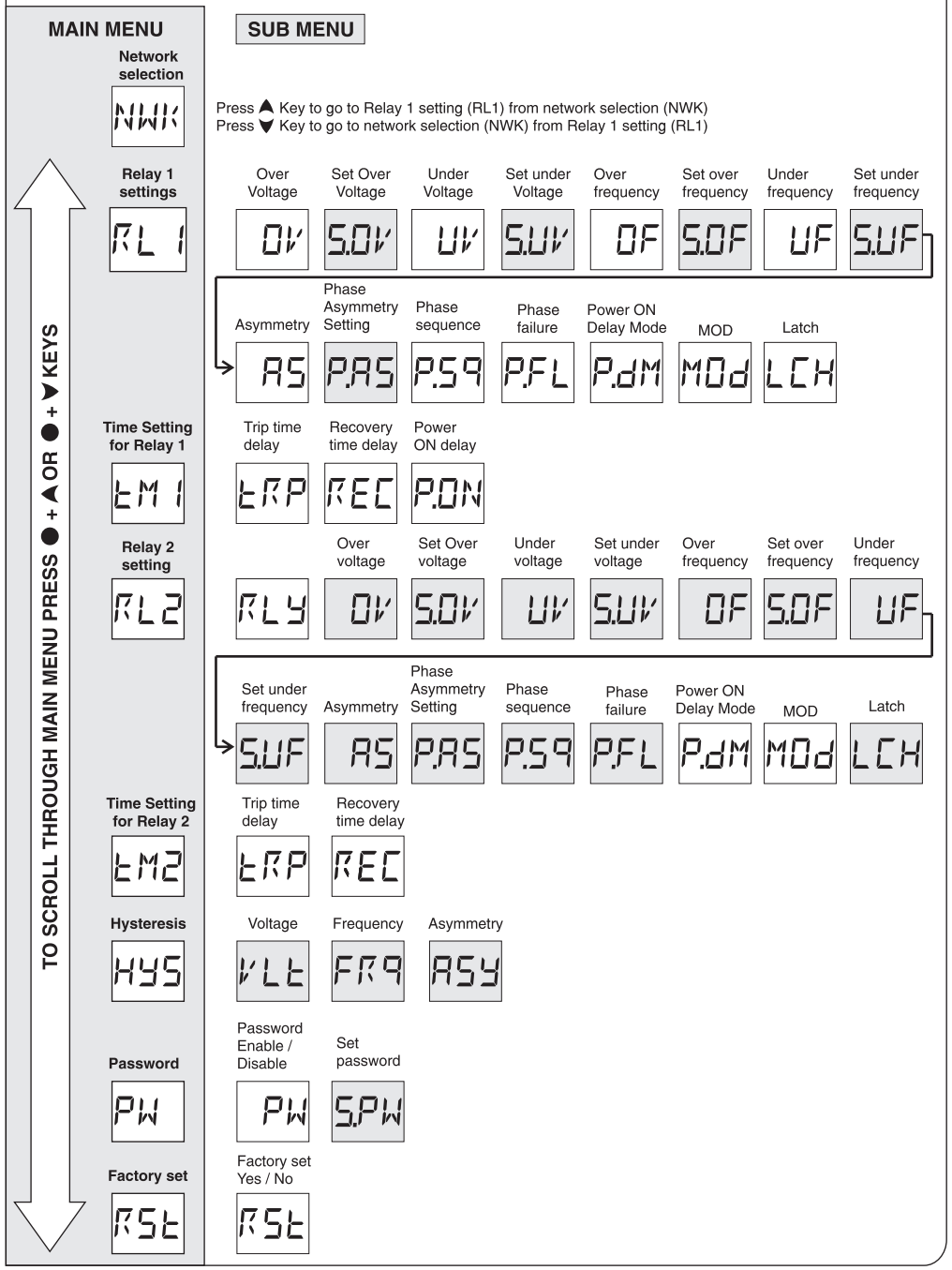
CONFIGURATION MENU

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



Note : Appearance of shaded menus dependant on selection of other parameters.

SUB MENU

Network Selection (NWK)			Press ▲ to enter sub menu from main menu	
Press ▲ or ▼ to scroll through sub menu		Press ● + ▲ or ● + ▼ to change parameter value		
DISPLAY (For 1sec)	**DESCRIPTION**	**DEFAULT VALUE**	**RANGE**	**CONDITION**
NWK	Network selection	3P4	3P3 / 3P4	

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		
DISPLAY (For 1sec)	**DESCRIPTION**	**DEFAULT VALUE**	**RANGE**	**CONDITION**
OV	Over voltage	> V ON R1	ON / OFF	
S.OV	Set Over Voltage	> V 264 R1	85 - 500V(Default : 498) [For 3P3W system] 50 - 288V(Default : 264) [For 3P4W system]	This option will be prompted only when OV protection ON
UV	Under voltage	<V OFF R1	ON / OFF	
S.UV	Set under voltage	<V 184 R1	85 - 500V(Default : 332) [For 3P3W system] 50 - 288V(Default : 184) [For 3P4W system]	This option will be prompted only when UV protection ON
OF	Over frequency	> ON R1	ON / OFF	
S.OF	Set over frequency	> 55 R1 Hz	45.0 - 65.0Hz	This option will be prompted only when OF protection ON
UF	Under frequency	< OFF R1 Hz	ON / OFF	
S.UF	Set under frequency	< 45 R1 Hz	45.0 - 65.0Hz	This option will be prompted only when UF protection ON
AS	Asymmetry	< As ON R1	ON / OFF	
P.AS	Phase Asymmetry Setting	V As 10.0 R1 %	5.0 - 30.0%	This option will be prompted only when AS protection ON
P.S9	Phase sequence	ON R1	ON / OFF	
P.FL	Phase failure	ON R1	ON / OFF	

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
P.dM	Power 'ON' Delay Mode	OFF (R1)	ON / OFF	ON : NO OFF : NC
MOd	MOD	ON (R1)	ON / OFF	ON : NC (During Trip) OFF : NO (During Trip)
LCH	Latch	OFF (R1)	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

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
tRP	Trip time delay	3.0 s (R1 t)	0.0 - 300s	
REC	Recovery time	0.5 s (R1 t off)	0.0 - 300s	
P.ON	Power ON delay	0.5 s (ton)	0.5 - 300s	Applicable for Relay 1 and 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

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
RLY	Relay	RL1 (R2)	RL1 / RL2	If RL1 is selected, all the settings done for RL1 & TM1 will be automatically set for RL2 and no other parameter of RL2 & TM2 will be prompted.
OV	Over voltage	> V ON (R2)	ON / OFF	
S.OV	Set Over voltage	> V 264 (R2)	85 - 500V(Default : 498) [For 3P3W system] 50 - 288V(Default : 264) [For 3P4W system]	This option will be prompted only when OV protection ON
UV	Under voltage	<V OFF (R2)	ON / OFF	
S.UV	Set under voltage	<V 184 (R2)	85 - 500V(Default : 332) [For 3P3W system] 50 - 288V(Default : 184) [For 3P4W system]	This option will be prompted only when UV protection ON

Note : Relay (RL2) submenus are not visible when its is selected as Relay 1 (RL1).

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
OF	Over frequency	> ON (R2 Hz)	ON / OFF	
S.OF	Set over frequency	> 55 (R2 Hz)	45.0 - 65.0Hz	This option will be prompted only when OF protection ON
UF	Under frequency	< OFF (R2 Hz)	ON / OFF	
S.UF	Set under frequency	< 45 (R2 Hz)	45.0 - 65.0Hz	This option will be prompted only when UF protection ON
AS	Asymmetry	< As ON (R2)	ON / OFF	
PAS	Phase Asymmetry Setting	V As 10.0 (R2 %)	5.0 - 30.0%	This option will be prompted only when AS protection ON
PSQ	Phase sequence	ON (R2)	ON / OFF	
PFL	Phase failure	ON (R2)	ON / OFF	
P.dM	Power 'ON' Delay Mode	OFF (R2)	ON / OFF	ON : NO OFF : NC
MOd	MOD	ON (R2)	ON / OFF	ON : NC (During Trip) OFF : NO (During Trip)
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

DISPLAY (For 1sec)	DESCRIPTION	DEFAULT VALUE	RANGE	CONDITION
tRP	Trip time delay	3.0 s (R2 t)	0.0 - 300s	
REC	Recovery time	0.5 s (R2 t off)	0.0 - 300s	

Hysteresis (HYS)		Press ▲ to enter sub menu from main menu		
Press ▲or ▼ to scroll through sub menu		Press ● + ▲ or ● + ▼ to change parameter value		
DISPLAY (For 1sec)	**DESCRIPTION**	**DEFAULT VALUE**	**RANGE**	**CONDITION**
VLt	Hysteresis for voltage	1.0	1.0 - 40.0V	
FrQ	Hysteresis for frequency	0.2	0.2 - 2.0Hz	
ASy	Hysteresis for Asymmetry	2.0	2.0 - 20.0%	

Password (PW)		Press ▲ to enter sub menu from main menu		
Press ▲or ▼ to scroll through sub menu		Press ● + ▲ or ● + ▼ to change parameter value		
DISPLAY (For 1sec)	**DESCRIPTION**	**DEFAULT VALUE**	**RANGE**	**CONDITION**
PW	Password	diS	ENB / DIS	Enable / Disable password protection option
S.PW	Set password	0	0-999	Will be prompted only when Password option is enabled

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

TRIP VALUE SETTING (Online) **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		
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.
S.OV	Set over voltage for Relay 1	> V 264 R1	85 - 500V(Default : 498) [For 3P3W system] 50 - 288V(Default : 264) [For 3P4W system]	
S.UV	Set under voltage for Relay 1	<V 184 R1	85 - 500V(Default : 332) [For 3P3W system] 50 - 288V(Default : 184) [For 3P4W system]	

Press ▲or ▼ to scroll through main menu		Press ● + ▲ or ● + ▼ to change parameter value		
DISPLAY (For 1sec)	**DESCRIPTION**	**DEFAULT VALUE**	**RANGE**	**CONDITION**
S.OV	Set over voltage for Relay 2	> V 264 R2	85 - 500V(Default : 498) [For 3P3W system] 50 - 288V(Default : 264) [For 3P4W system]	
S.UV	Set under voltage for Relay 2	<V 184 R2	85 - 500V(Default : 332) [For 3P3W system] 50 - 288V(Default : 184) [For 3P4W system]	
tRP	Trip time delay for Relay1	3.0 R1 t	0.0 - 300s	
tRP	Trip time delay for Relay2	3.0 R2 t	0.0 - 300s	
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.)	

NOTE : If Values are changed, the same setting in config menu will also changed and vice versa, also if RL1 is selected for RL2 in config menu no parameter of Relay 2 will be prompted in the above trip value setting.

ONLINE KEYS Individual parameters can be viewed with every press of ▼ keys.

PARAMETER	SYMBOL
*Average Voltage	L1 L2 L3
Voltage (L1-phase)	L1
Voltage (L2-phase)	L2
Voltage (L3-phase)	L3
Voltage (L1-L2 phase)	L1 L2
Voltage (L2-L3 phase)	L2 L3
Voltage (L1-L3 phase)	L1 L3
Frequency	Hz
Phase Asymmetry	As %

*** Default Page** : This page is displayed after 3 sec. from other online page.
For 3P4W system average of L-N voltages is shown.
For 3P3W system average of L-L voltages is shown.

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 (Applicable only if Latch is ON)

Master Password : 753

In Trip value setting & configuration menu, if no key pressed for 30 sec. then unit resumes online mode.

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

Selec Controls Pvt. Ltd., India
Factory Address :
EL-27/1, Electronic Zone, TTC Industrial Area,
MIDC, Mahape, Navi Mumbai - 400 710, INDIA.
Tel. No. : +91-22-28476443 / 1882
Fax No. : +91-22-28471733 I Toll free : 1800 227 353
Website: www.selec.com I Email: sales@selec.com