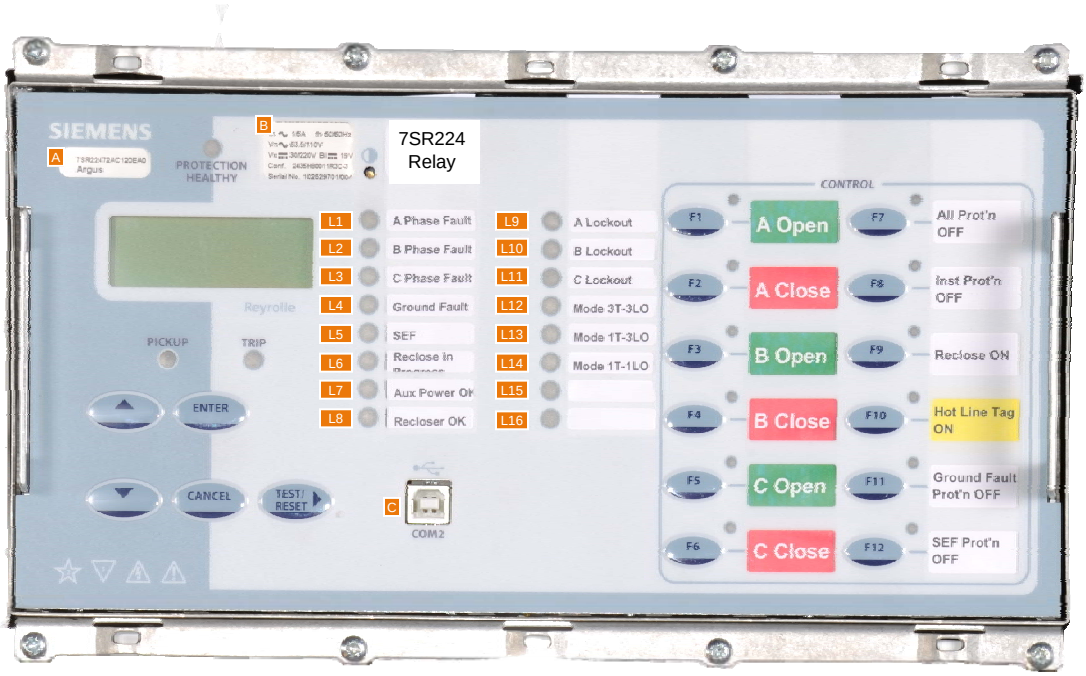
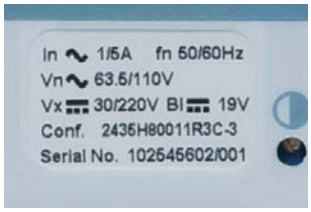


L14	Mode Single-Phase Trip/Single-Phase Lockout

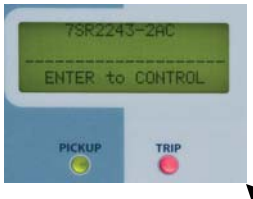
Item	Description
A	MLFB model number
B	Ratings label
C	Programming port
LED	**Description**
L1	Phase A target
L2	Phase B target
L3	Phase C target
L4	Ground fault target
L5	Sensitive earth fault (SEF) target
L6	Recloser in progress
L7	AC input power to control cubicle ok
L8	Capacitors charged and system ready to reclose
L9	Phase A locked out
L10	Phase B locked out
L11	Phase C locked out
L12	Mode three-phase trip/three-phase lockout
L13	Mode single-phase trip/three-phase lockout
L14	Mode single-phase trip/single-phase lockout
L15	User configurable
L16	User configurable

Button	Description	If associated LED is lit, status:
F1	Push-to-open recloser – phase A	Recloser phase A is OPEN
F2	Push-to-close recloser – phase A	Recloser phase A is CLOSED
F3	Push-to-open recloser – phase B	Recloser phase B is OPEN
F4	Push-to-close recloser – phase B	Recloser phase B is CLOSED
F5	Push-to-open recloser – phase C	Recloser phase C is OPEN
F6	Push-to-close recloser – phase C	Recloser phase C is CLOSED
F7	Push-to-toggle all protection ON/OFF	All protection is OFF
F8	Push-to-toggle instantaneous protection ON/OFF	Instantaneous protection is OFF
F9	Push-to-toggle trip and reclose ON/OFF	Trip and reclose is ON
F10	Push-to-toggle hot line tag ON/OFF	Hot line tag is ON
F11	Push-to-toggle ground fault protection ON/OFF	Ground fault protection is OFF
F12	Push-to-toggle SEF protection ON/OFF	SEF is OFF

Item	Description
In	CT secondary current (1 A for recloser)
Fn	50 Hz/60 Hz (user defined)
Vn	Voltage supplied to relay from voltage sensors
Vx	Power supply voltage range (dc volts)
BI	Voltage to activate a binary input
Config	Firmware revision number
Serial No.	Serial number



			01:	SIEMENS	Name: Type 7SR224 Relay Quick Reference Guide For Triple-Single SDR Recloser	
			1/4/2012	DR: TGH 02/12 CH: TGH 02/12 AP: ----	Similar To:	Bulletin: 02-12
					Scale: NONE / Sheet: 1 of 4 / Part No: 18-671-296-406	Issue/Rev: 01



Quick reference navigation tree guide for type 7SR relay

Press enter.

If LCD screen does not say “ENTER to CONTROL”, press the Cancel button until it does. This will not cause the recloser to operate.

Control Mode
- CB-A: Travelling
- CB-B: Travelling
- AR: In Service
- Mode A:3PTrip3PLo
- Mode B:1PTrip3PLo
- Mode C:1PTrip1PLo
- Trip & Reclose: 3PH
- Trip & Lockout CB-A
- Trip & Lockout CB-B
- Trip & Lockout CB-C
- Hotline Working: IN
- G/F Prot’n IN/OUT
- SG/F Prot’n IN/OUT
- Inst Protection IN/OUT
- Battery Test
- Set Local: L or R
- Set L or R: L or R
- Set Remote: L or R
- Set Service: L or R

Settings Mode
- System Config
- CT/VT Config
- Function Config
- Current Prot’n
- Voltage Prot’n
- Supervision
- Control & Logic
- Input Config
- Output Config
- Maintenance
- Data Storage
- Communications

Refer to page three for detailed “Settings Mode” tree.

Instrument Mode
- Favorite Meters
- Current Meters
- Voltage Meters
- Frequency Meters
- Power Meters
- Energy Meters
- Directional Meters
- Thermal Meters
- Single Triple Meters
- Autoreclose Meters
- Maintenance Meters
- General Alarm Meters
- Battery Condition
- Capacitor Condition
- Power Quality Meters
- Demand Meters
- Binary Input Meters
- Binary Output Meters
- Virtual Meters
- Communication Meters
- Miscellaneous Meters
- Quick Logic Meters

Fault Data
- Fault 1
- Fault 2
- Fault 3
- Fault 4
- Fault 5
- Fault 6
- Fault 7
- Fault 8
- Fault 9
- Fault 10

Notes:

For all arrows pointing →, push the

button.

For all arrows pointing ↓, push the button.

For all arrows pointing ↑, push the button.

To go back one level, push the

button.

To select, push the

button.

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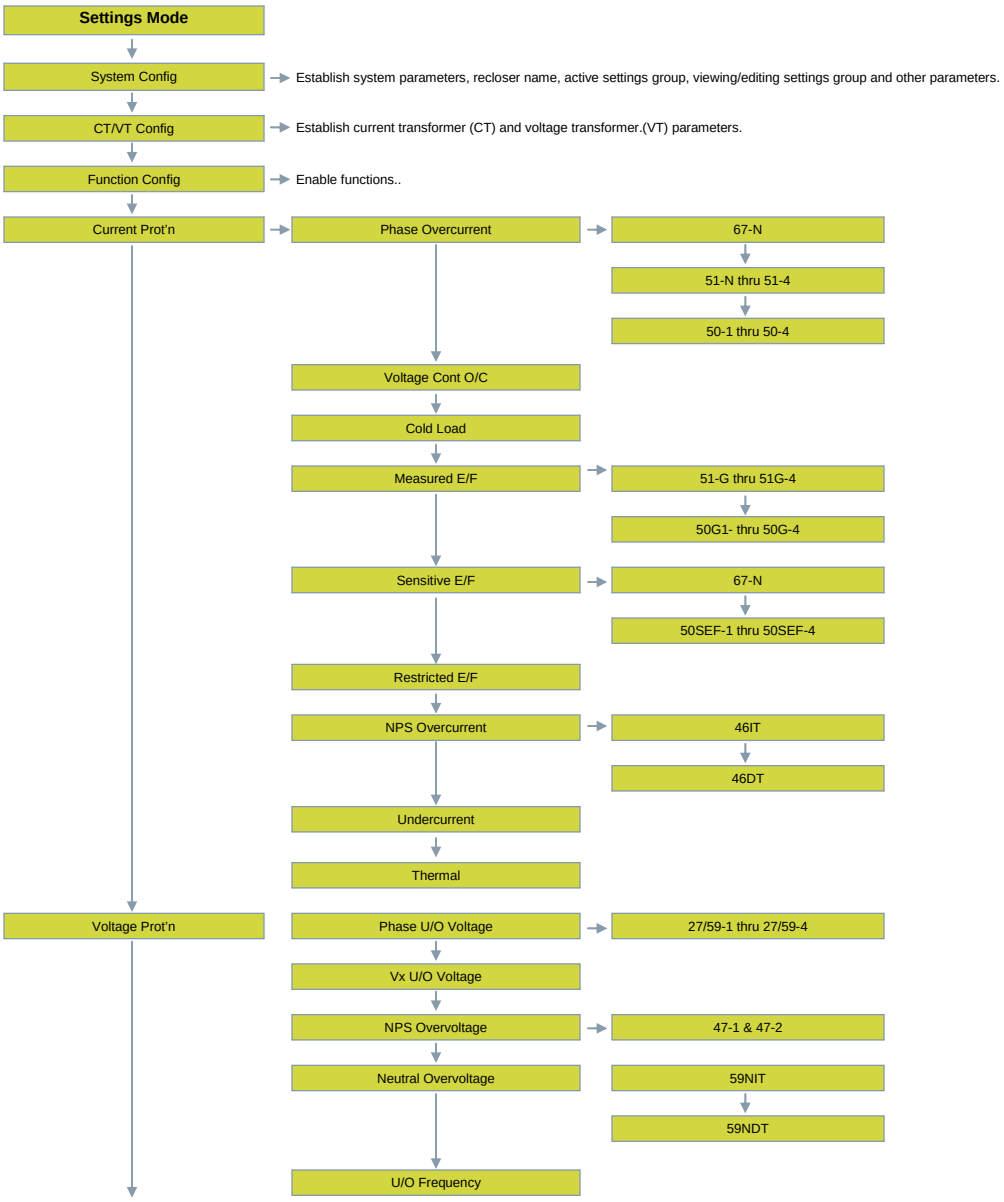
Settings mode detailed tree



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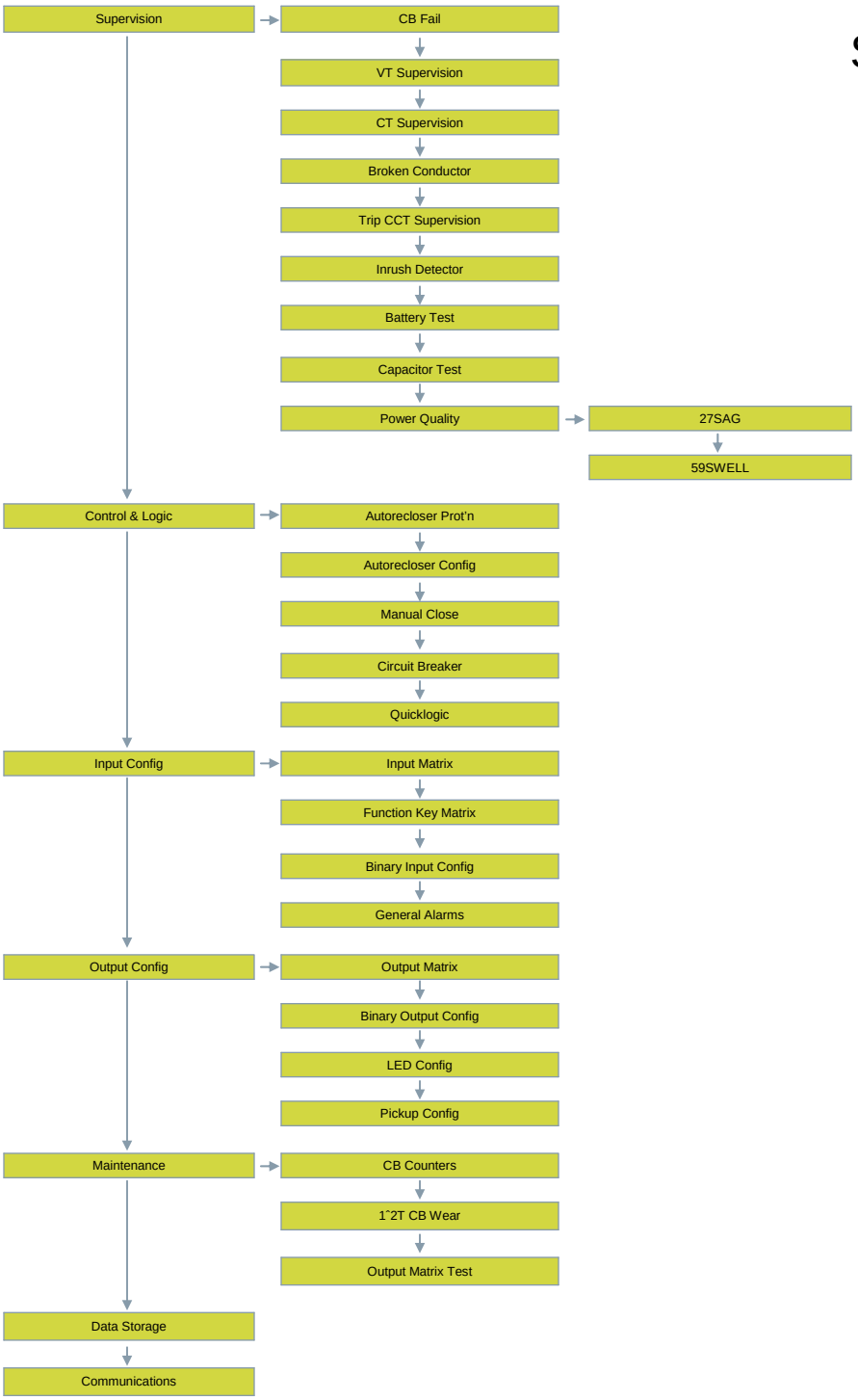
Settings mode detailed tree



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