

CL-7 Control reference



Read equipment manufacturer's manual and this material before using this product. Failure to do so can result in death, severe personal injury, and equipment damage. G164.0



Status Check

with Metering-PLUS Feature

- 1-*COMP VOLTAGE
 - 2-*LOAD VOLTAGE
 - 3-*LOAD CURRENT
 - 4-*TAP POSITION
 - 5-SETTINGS
 - 6-FEATURES
 - 7-COUNTERS
 - 8-METERING
 - 9-ALARMS
 - 0-DIAGNOSTICS
- *Metering-PLUS™

NOTE: The default key assignments are shown.



Comp Voltage	125.0
Band	119.0-121.0
Using Func	1-5
Load Voltage	115.0
Li miter	114.0-126.0
Load Current	600 Fwd
Current Threshold	12
Mode	Bi-directional
Blocked:	Cntrl Switch
Tap Position	8
Soft ADD-AMP	-8, 8
P.L. ADD-AMP	-16, 16

- VOLT LIMITER HIGH
- OUT-OF-BAND HIGH
- OUT-OF-BAND LOW
- VOLT LIMITER LOW
- AUTO TAP BLOCKED
- REVERSE POWER
- VOLT REDUCTION

Navigation

Enter Security Code:



NOTE: Top level default Security Code is "Admin." Use down arrow to capitalize letter "A."

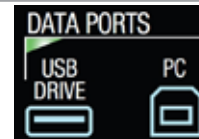
Use Function Code:



Use Menu Structure:



USB Data Ports



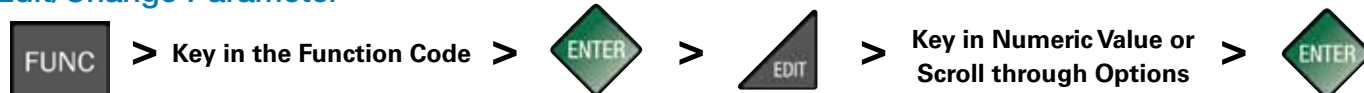
USB Memory Drive (left port)

- FC 950 – Save All Data to a USB Memory Stick
- FC 951 – Load Config Data from a USB Memory Stick to CL-7 Control

PC Connection (right port)

USB client port provides a temporary connection using a PC running ProView NGX software for control programming and settings/data retrieval.

Edit/Change Parameter



Language/Idioma/Langue



Powering Business Worldwide

Refer to the CL-7 control installation instructions included with this control for additional information.

For assistance, contact the Voltage Regulator Support Group 1-866-975-7347 | 24/7 emergency support also available.

Main Menu	Sub-Menu	FC	Parameter	Factory Setting
5 JKL Settings	Forward Direction.....	001	Forward Set Voltage	120.0
		002	Forward Bandwidth	2.0
		003	Forward Time Delay	45
		004	Forward Line Drop Compensation R	0.0
		005	Forward Line Drop Compensation X	0.0
	Reverse Direction.....	051	Reverse Set Voltage	120.0
		052	Reverse Bandwidth	2.0
		053	Reverse Time Delay	45
		054	Reverse Line Drop Compensation R	0.0
		055	Reverse Line Drop Compensation X	0.0
	Configuration.....	040	Regulator Identification	panel serial number
		140	Regulator Type	per nameplate
		049	Tap-Changer Type*	per nameplate
		041	Regulator Configuration	per nameplate
		042	Control Operating Mode	Sequential
		043	System Line Voltage	per nameplate
		044	Overall P.T. Ratio	per nameplate
	044	Internal P.T. Ratio	per nameplate	
	045	C.T. Primary Rating	per nameplate	
	045	Rated Load Current	per nameplate	
	045	% C.T. Rating Level (4-1)	per nameplate	
	046	Demand Time Interval	15.0	
	144	P.I. ADD-AMP High Limit	16	
	145	P.I. ADD-AMP Low Limit	-16	
	146	V _{in} P.T. Configuration	V _{diff} Mode	
	141	Regulator Identification	-----	
Calendar/Clock.....	050	System Calendar and Clock		
Multi-Phase Config				
6 MNO Features	Auto-Block Status.....	069	Auto Operation Blocking Status*	Normal
	Reverse Power Mode.....	056	Reverse Sensing Mode	Locked Forward
	Source-Side Voltage Calc.....	039	Source-Side Calculation	On
	Voltage Limiter.....	080	Voltage Limiter Mode	Off
	Voltage Reduction.....	070	Voltage Reduction Mode	Off
	Tap-to-Neutral			
	Soft-ADD-AMP™ Feature			
Alternate Config				
Leader Follower				
Calibration				
Battery				
7 PQRS Counters	Operations Counter			
8 TUV Metering	Instantaneous			
Forward Demand				
Reverse Demand				
Master Reset				
9 WXYZ Alarms	Alarms Active Unacknowledged			
Alarms Active Acknowledged				
Sequence of Events				
Communications				
0 Diagnostics	Test LEDs			
Control				
Communications				
Maintenance				
Sync Counters				
Metering-PLUS Feature				
Menu System				
USB Memory Drive				
Turn Off Display				

* For quick troubleshooting, check FC 49 Tap Changer Type and FC 69 Auto Block Status.

NOTE: The default key assignments are shown.



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