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## Operating Guide



## Programming Guide



## Installation Guide



The Company's policy is one of continuous product improvement and the right is reserved to modify the information contained herein without notice.

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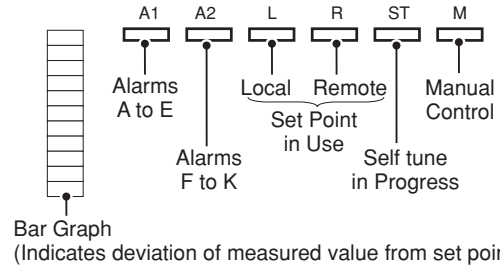
IM/C300-Q Issue 3

## Quick Reference Guide

### Welcome to the COMMANDER 300

This quick reference guide contains an overview of the steps required to make your COMMANDER 300 operational, together with overviews of front panel indicators & controls, operating/configuration displays and a basic index to the installation, operating and programming guides.

### LED Indicators



### Side Scroll



### Down Scroll



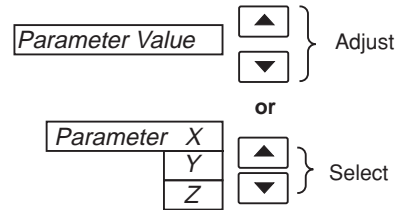
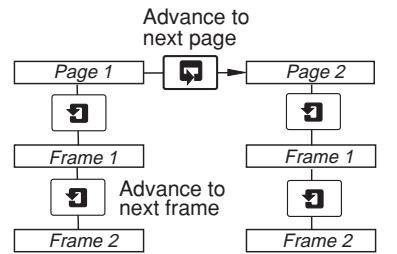
### Raise and Lower



### Enter Key



### Auto/Manual



Used to confirm operator selections/adjustments

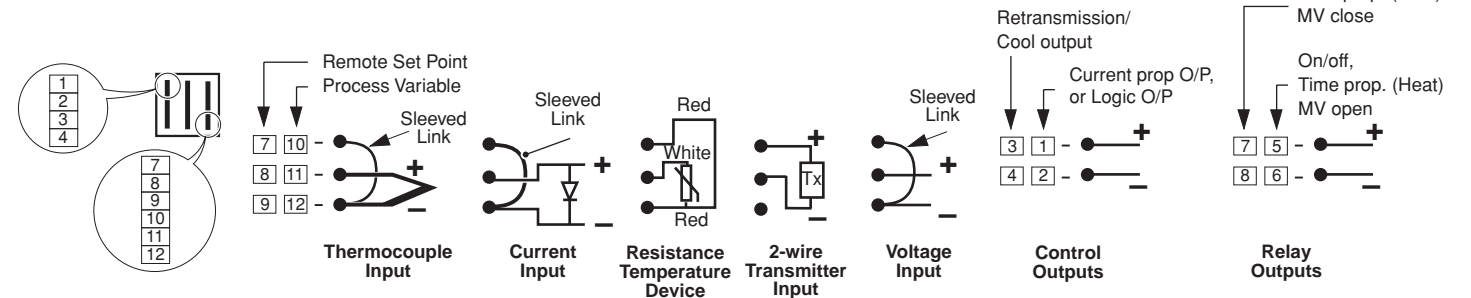
Switches between Automatic and Manual control modes

ABB Automation

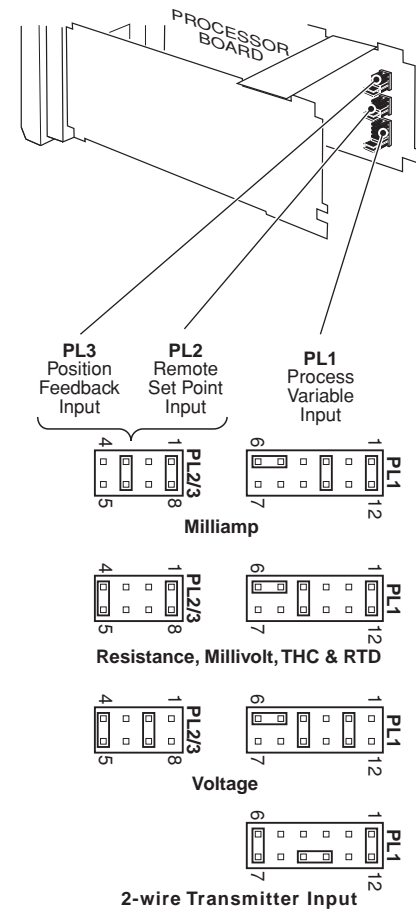


## Initial Setup

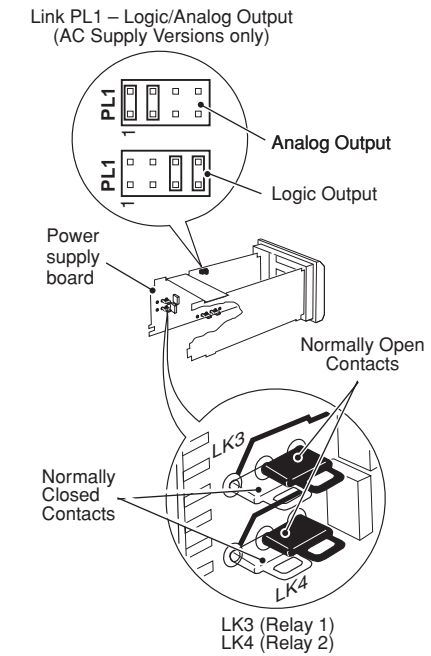
### 1 Connect the Inputs and Outputs (Installation Guide page 11)



### 2 Set the Input Links (Installation Guide page 7)



### 3 Set the Output Links (Installation Guide page 7)



### 4 Configure the Control Parameters (Programming Guide page 28)

Configure the control parameters by referring to the table below – see 4 overleaf.

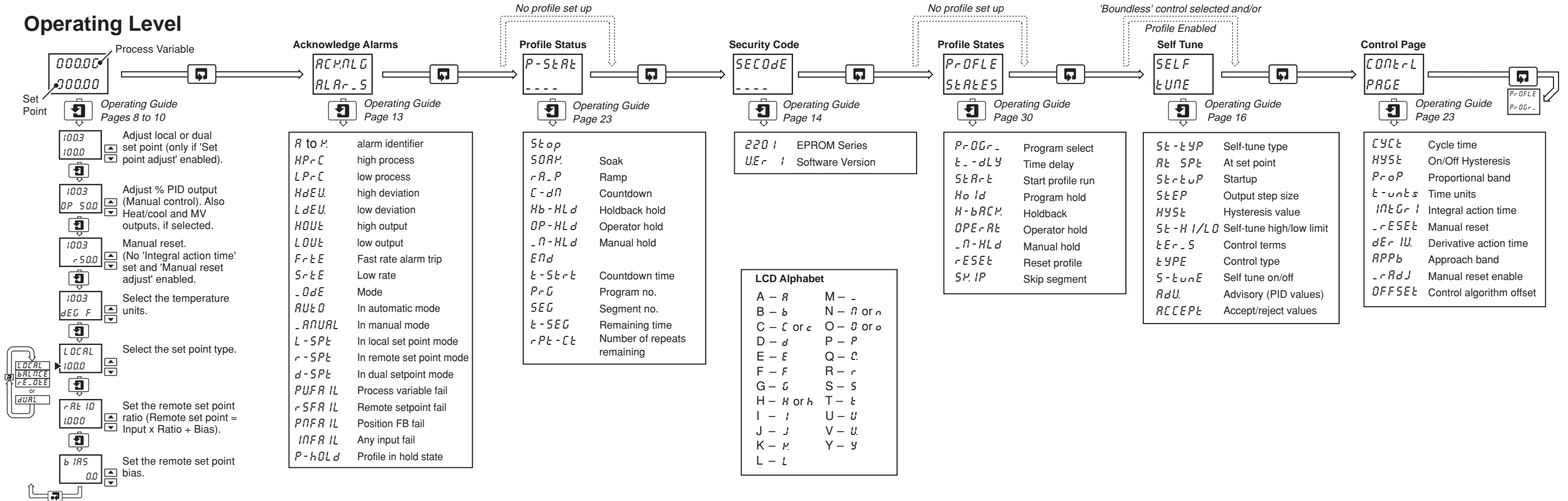
		PID	Control Output		
			Analog	Digital	Relay
C-P-r-OP	Current proportioning	✓	✓	–	–
t-P-r-OP	Time proportioning	✓	–	✓	✓
	On/off	x	–	✓	✓
P-P-r-OP	Position proportioning (Motorized valve)	✓	–	–	✓
bP-dL55	Boundless (Motorized valve, no feedback)	✓	–	–	✓
H-t-COOL	Heat/cool	✓	✓	–	✓

### 5 Configure the Input Parameters (Programming Guide pages 15 to 24)

Configure the process variable input and display pages – see 5 overleaf. Configure the remote set point and feedback inputs, if required.

# Overview of Operating and Configuration Displays

## Operating Level



## Configuration Level

