

QUICKSTART MCS®

START-UP - STEPS

- 1 Select Zone or Group
- 2 Select Operating Mode
AUTO – MANUAL – OFF
- 3 Set Setpoints
- 4 Change Parameters
a) Zone Parameters
b) System Parameters
- 5 Activate Outputs

1 SELECT ZONE OR GROUP

Overview	Bar graph	Parameter	Messages	Groups	Options
Act [°C or °F]	Set [°C or °F]	Diff [K]	Quality [%]	Current [A]	Power [%]
Zone 1	Zone 2	Zone 3	Zone 4		
Zone 5	Zone 6	Zone 7	Zone 8		

OPTIONAL: DEFINE GROUP

Overview	Bar graph	Parameter	Messages	Groups	Options
Groupless	[G1]	[G2]	[G3]	[G4]	[G5]
Zone 1	Zone 2	Zone 3	Zone 4		
1	1	0	2		
Zone 5	Zone 6	Zone 7	Zone 8		
2	2	2	2		

Group [G1] to Group [G8]

INDIVIDUAL ZONE

Zone **2** Group All Zones

▽ **3** ▽

ALL ZONES

Zone Group **All Zones** **2**

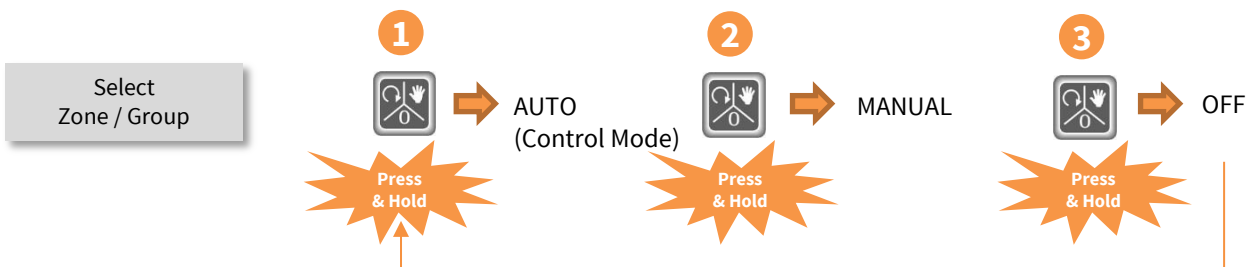
ALL

GROUP

Zone **2** Group All Zones

▽ **3** ▽

2 SELECT OPERATING MODE



3 SET SETPOINTS

Select Zone / Group

OR

Setpoint [°C / °F or %]

2 0

+	1	2	3
-	4	5	6
abs	7	8	9
	ESC	0	OK 3

4a ZONE PARAMETERS

Select Zone / Group

1

Zone Parameters

P01: L-Alarm
P02: H-Alarm
P03: DEV-Alarm
P04: P-Band
P05: I-Component
P06: D-Component

2

or

The most important parameters:

P01: L-Alarm	Alarm Low Temperature Limit
P02: H-Alarm	Alarm High Temperature Limit
P03: DEV-Alarm	Deviation Alarm from Actual Value
P25: Boost-Offset	Increase of Setpoint Value by x Degrees
P26: Standby	Decrease of Setpoint Value to x Degrees

4b SYSTEM PARAMETERS

1

Press & Hold

System Parameters

Slowest Zone
Program No.
Boos Time [sec]
Alarm Delay [sec]
RS485 Address
RS485 Baud Rate

2

or

4

Enter Password

1	2	3
4	5	6
7	8	9
	0	

Password Default:

Level 1	0000
Level 2	0022
Level 3	2222

5 ADDITIONAL FUNCTION KEYS

OUTPUTS ON / OFF



Outputs On /
Outputs OFF

BOOST



Temperature
raise

STANDBY



Temperature
lower

DISPLAY ZONES



Actual Value	X	%
Setpoint	W	I
Control Deviation	ΔT	Q

HOME



Basic
Screen

6 WARNINGS AND ALARMS (ABSTRACT)

Thermocouple broken	No Current Flow	Triac defect	Overtemperature
No Power Supply	Temperature below Tolerance Range	Temperature above Tolerance Range	Zone OFF

7 DIAGNOSTICS

Select Zone / Group

1

2

3

4

Zone 1: Diagnostics: Thermocouple broken
==== Diagnostics completed =====