Eurotherm 3504 Controller Setup with Eight Events – Type B

Enter the controller configuration level:

Press and hold ☐ until ACCS appears in the upper display
Press ▲ ▼ until Config appears in the lower display
Press ▲ ▼ until 4 appears in the lower display
The controller is now in configuration mode

Goto Level 1 appears in the lower display

Set controller configuration parameters:

- Use the ▲ ▼ keys to adjust parameter values
- Press the O key to enter the value and cycle to next parameter
- Press 🗅 to return to the top of a configuration menu
- At the top of a menu Press 🗅 to cycle to next menu
- Please note that the only parameters listed are the parameters required for furnace operation.

Inst - Opt					Mod - 5A,5C			
Set	Units	to	C	Set	ident	to	Relay	
				Set	IO Type	to	OnOff	
PV I	nput			1	C-4			
Set	IOtype	to	Thermocpl	LP1 -	Setup			
Set	LIN Type	to	В	Set	ch1 control	to	PID	
Set	Res'n	to	XXXXX	Set	Control act	to	Rev	
Set	CJC Type	to	internal	Set	Deriv Type	to	Error	
Set	SBrk	to	Low	501	DCIIV IMPC		DIIOI	
240	02111	••	20	LP1 -	PID Configuration			
Mod – 1A								
				Set	sched type	to	PV	
Set	Ident	to	DC Output	Set	num sets	to	3	
Set	IO Type	to	mA	Set	Boundary 1-2	to	500	
Set	Res'n	to	XXXXX	Set	Boundary 2-3	to	1000	
Set	Range Hi	to	20	Set	OPhi/2/3	to	100	
Set	Range Lo	to	4	Set	OP1o/2/3	to	0	
Mod - 2A,2C			LP1 – SP Configuration					
Set	ident	to	Relay	Set	Range Hi	to	1706	
Set Set	ident IO Type	to to	Relay OnOff	Set Set	Range Hi Range Lo	to to	1706 0	
			•		-			
Set			•	Set	Range Lo	to	0	
Set Mod	IO Type - 3A,3C	to	OnOff	Set Set Set	Range Lo SP High Lim SP Low Lim	to to	0 1706	
Set Mod Set	IO Type - 3A,3C ident	to	OnOff Relay	Set Set Set	Range Lo SP High Lim	to to	0 1706	
Set Mod	IO Type - 3A,3C	to	OnOff	Set Set Set	Range Lo SP High Lim SP Low Lim P Configuration	to to	0 1706	
Set Mod Set Set	IO Type - 3A,3C ident	to	OnOff Relay	Set Set Set LP1 – O	Range Lo SP High Lim SP Low Lim	to to to	0 1706 0	
Set Mod Set Set	IO Type - 3A,3C ident IO Type	to	OnOff Relay OnOff	Set Set Set LP1 – O	Range Lo SP High Lim SP Low Lim P Configuration Output Hi	to to to	0 1706 0	
Set Mod Set Set Mod Set	IO Type - 3A,3C ident IO Type - 4A,4C ident	to to to	OnOff Relay OnOff Relay	Set Set Set LP1 – O	Range Lo SP High Lim SP Low Lim P Configuration Output Hi Output Lo	to to to	0 1706 0	
Set Mod Set Set Mod	IO Type - 3A,3C ident IO Type - 4A,4C	to to to	OnOff Relay OnOff	Set Set LP1 – O Set Set Program	Range Lo SP High Lim SP Low Lim P Configuration Output Hi Output Lo	to to to	0 1706 0	
Set Mod Set Set Mod Set	IO Type - 3A,3C ident IO Type - 4A,4C ident	to to to	OnOff Relay OnOff Relay	Set Set LP1 – O Set Set Program Set	Range Lo SP High Lim SP Low Lim P Configuration Output Hi Output Lo Setup Power Fail	to to to to	0 1706 0 100 0	
Set Mod Set Set Mod Set	IO Type - 3A,3C ident IO Type - 4A,4C ident	to to to	OnOff Relay OnOff Relay	Set Set LP1 – O Set Set Program Set Set Set	Range Lo SP High Lim SP Low Lim P Configuration Output Hi Output Lo Setup Power Fail Max Events	to to to to to	0 1706 0 100 0	
Set Mod Set Set Mod Set	IO Type - 3A,3C ident IO Type - 4A,4C ident	to to to	OnOff Relay OnOff Relay	Set Set LP1 – O Set Set Program Set	Range Lo SP High Lim SP Low Lim P Configuration Output Hi Output Lo Setup Power Fail	to to to to to to	0 1706 0 100 0	

To Exit Configuration:

Press \Box until ACCS appears in the upper display Goto Conf appears in the lower display Press $\blacktriangle \lor$ until the desired level is shown. Press \circlearrowleft