

D-SC1

Signal Conditioner for use with Maxitrol ADFM Series Controllers



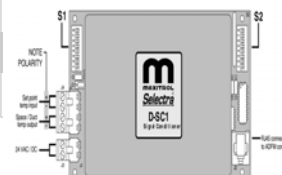
INSTALLATION STEPS

- 1 Install D-SC1 by removing from snap track and mounting snap track to panel with (2) screws.
- 2 Reinstall D-SC1 in snap track.
- 3 Connect data cable (RJ45 male connector both ends) to ADFM Series control and D-SC1.*
- 4 Connect DDC output to D-SC1 set point temp input (J4). Note polarity.
- 5 Connect D-SC1 space/duct temp output (J4) to DDC input. Note polarity.
- 6 Set S1 & S2 DIP switches to match DDC input/output signals.
- 7 Set S2 DIP switches to match Maxitrol ADFM Series control type.
- 8 Connect 24V AC/DC to D-SC1 (J3).**

*Follow cable length maximums listed in Maxitrol DFM/DFME Series Installation Instructions.

**If D-SC1 is mounted in the same electrical cabinet as Maxitrol ADFM Series control, the same 24 VAC 40 VA transformer used to power the Maxitrol ADFM Series control may be utilized. If the D-SC1 is mounted in another location, a separate 24V AC/DC power supply must be used.

INPUT (Set Point Temp)	S1						S2						Maxitrol ADFM Series Control	S2			
	-1	-2	-3	-6	-7	-8	-4	-5	-6	-7	-8	-1		-2	-3	-4	-5
DFM14 (40°F - 150°F) DFM44 (40°F - 90°F)																	
0-20 mA*	ON	■	■	■	■	■	ON	■	■	ON	■	■	■	■	DFM14	ON	■
4-20 mA*	ON	■	■	ON	■	■	ON	■	■	ON	■	ON	■	■	DFM44	■	■
0-5 V	■	ON	ON	■	ON	■	■	ON	ON	ON	■	■	ON	■			
1-5 V	■	ON	ON	ON	ON	■	■	ON	ON	ON	■	ON	ON	■			
0-10 V	■	■	ON	■		ON	■	ON	ON	■	ON	■	■	ON			



CAUTION: Operation of combustion equipment can be hazardous resulting in bodily injury or equipment damage. Each burner should be supervised by a combustion safeguard and only qualified personnel should install, make system adjustments and perform any required service.



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NOTICE: Maxitrol practices a policy of continuous improvement in the design of its products. It reserves the right to change the specifications at any time without prior notice.