UDC 5000 to 3500 Wiring Conversion

UDC 5000					UDC 3500				
Input 1					*Input 1*				
Thermocuple	RTD	V / mV /mA			Thermocuple	RTD	V / mV /mA		
	21 (R)			----->		34 (R)			
22 (+)	22 (+)	22 (+)		----->	35 (+)	35 (+)	35 (+)		
23 (-)	23 (-)	23 (-)		----->	36 (-)	36 (-)	36 (-)		
Input 2					*Input 2*				
Thermocuple	RTD	V / mV /mA			Thermocuple	RTD	V / mV /mA	Slidewire	
	18 (R)			----->		31 (R)		(Input 3 Req.)	
19 (+)	19 (+)	19 (+)		----->	32 (+)	32 (+)	32 (+)		
20 (-)	20 (-)	20 (-)		----->	33 (-)	33 (-)	33 (-)		
Input 3					*Input 3*				
		V / mV /mA	Slidewire				V / mV /mA	Slidewire	
		16 (+)	14	----->			29 (+)	28	
		17 (-)	15	----->			30 (-)	29	
			16					30	
Output 1					*Output*				
Current	Mechanical Relay	Solid State Relay	Open Collector		Current	Mechanical Relay	Solid State Relay	Open Collector	
14 (+)	3 (NC)	3	3	----->	5 (+)	7 (NC)	8 (C)	8 (+)	
15 (-)	4 (C)	4	4	----->	6 (-)	8 (C)	9 (NO)	9 (-)	
	3 (NO)			----->		9 (NO)			
Output 2					*Output 2*				
Current	Mechanical Relay	Solid State Relay	Open Collector		Current	Mechanical Relay	Solid State Relay	Open Collector	
9 (+)	1 (NC)	1	1	----->	24 (+)	8 (C)	1	1	
10 (-)	2 (C)	2	2	----->	25 (-)	7 (NO)	2	2	
	1 (NO)								
Output 1 & 2 (Duplex or Position Proportional control)					*Output 1 (Dual relay option, Specify "R" in Table I)*				
	Mechanical Relay					Mechanical Relay			
	1 (C)			----->		8 (C)			
	2 (NO)			----->		7 (NO)			
	3 (C)			----->		8 (C)			
	4 (NO)			----->		9 (NO)			
Alarm 1					*Alarm 1*				
	6 (NC)			----->		16 (NC)			
	5 (C)			----->		17 (C)			
	6 (NO)			----->		18 (NO)			
Alarm 2					*Alarm 2*				
	7 (NC)			----->		13 (NC)			
	8 (C)			----->		14 (C)			
	7 (NO)			----->		15 (NO)			
Digital Input 1					*Digital Input 1*				
13				----->	19				
11 (C)				----->	23 (C)				
Digital Input 2					*Digital Input 2*				
12				----->	20				
11 (C)				----->	23 (C)				
Auxilary Output					*Auxilary Output*				
10 (+)				----->	24 (+)				
9 (-)				----->	25 (-)				
RS-485 / 422					*RS-485 / 422*				
Must be changed to Modbus									

Note: Wiring shown is only for units that do not contain communications.