

UDC 6000 / 6300 to 3500 Wiring Conversion

	UDC 6300 or 6000	UDC 3500
Inputs		
<i>Input 1</i>	14 (+)	35 (+)
	16 (-)	36 (-)
<i>Input 2</i>	15 (+)	32 (+)
	16 (-)	33 (-)
<i>Input 3</i>	17 (+)	29 (+)
	16 (-)	30 (-)
<i>Input 4</i>	18 (+)	31 (+)
	16 (-)	33 (-)
<i>Input 5</i>	2 (+)	29 (+)
	3 (-)	30 (-)
Outputs		
<i>Output 1</i>		
Current	20 (+)	5 (+)
	21 (-)	6 (-)
<i>Output 2</i>		
Current	4 (+)	24 (+)
	5 (-)	25 (-)
Alarms		
<i>Alarm 1</i>	10	16 (NC) 18 (NO)
	6 (C)	17 (C)
<i>Alarm 2</i>	11	13 (NC) 15 (NO)
	6 (C)	14 (C)
<i>Alarm 3</i>	12	10 (NC) 12 (NO)
	6 (C)	11 (C)
<i>Alarm 4</i>	13	7 (NC) 9 (NO)
	6 (C)	8 (C)
Digital Input		
<i>Digital Input 1</i>	8	19
	7 (C)	23 (C)
<i>Digital Input 2</i>	9	20
	7 (C)	23 (C)
<i>Digital Input 3</i>	10	21
	7 (C)	23 (C)
<i>Digital Input 4</i>	11	22
	7 (C)	23 (C)
<i>Digital Input 5 & 6 are not supported</i>	NA	NA
Auxiliary Output		
<i>Auxiliary Output</i>	16 (+)	24 (+)
	17 (-)	25 (-)
Communications		
<i>RS-485 (Half Duplex)</i> Modbus only	13 (SHLD)	4 (SHLD)
	14 (Tx+/Rx+)	22 (Tx+/Rx+)
	15 (Tx-/Rx-)	23 (Tx-/Rx-)

If Input 5 is a RTD or thermocuple, then Input 5 must be connected

to Input 1

Alarms on the 6300 used an external power supply with Open Collector outputs.

The UDC 3500 has Electro-Mechanical relays.