

Meiko USA
 1349 Heil Quaker Blvd.
 Lavergne, TN 37086
 800-868-3840

WIRING DIAGRAM

Model Number : DV120.2T TALL HOOD

Voltage : 208 - 230 VAC 60 HZ

Phase : 1~

Released For Production :

Editor : sz

FOR USE WITH THE FOLLOWING OPTIONS:

- Internal Chemical Dosing Pumps
- Drain Water Tempering Kit
- Power Cord Kit
- External Vent Fan Control

RELEASE FOR PRODUCTION	04/01/2005	LST	
RELEASE ON SUPPLY	04/01/2005	LST	
LAST DRAWER	10/22/2009	SZ	
REVISION			

WIRING DIAGRAM



DV120.2T
 208V - 230V 1 PH+G 60Hz
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DV120.2T

INPUT / OUTPUT ALLOCATION TABLE

LEVEL	INPUT / OUTPUT	ASSIGNMENT	CONNECTION
2-2	INPUT 1	S1: DOOR CLOSED	XA6 1/9
2-2	INPUT 2	S2: BOOSTER LEVEL SWITCH	XA6 2/10
2-2	INPUT 3	S3: FLOOR LEAKAGE	XA6 3
2-2	INPUT 4	S4: HOOD HANDLE START	XA6 4/12
2-2	INPUT 5		XA6 5/13
2-2	INPUT 6		XA6 6/14
2-2	INPUT 7		XA6 7/15
2-2	INPUT 8		XA6 8/16
2-2	INPUT 9	FSK: RINSE AID LEVEL (OPT.)	XA4 1/2
2-2	INPUT 10	FSR: DETERGENT LEVEL (OPT.)	XA4 3/4
2-2	INPUT 11		XA4 5/6
2-2	INPUT 12		XA4 7/8
2-2	INPUT 22		XA4 9/10
2-2	INPUT 19	B1: BOOSTER TEMPERATURE	XA5 1/2
2-2	INPUT 20	B2: TANK TEMPERATURE	XA5 3/4
2-2	INPUT 21	B3: TANK LEVEL	XA10 1/2/3
2-3	OUTPUT 1	U1-S1: FREQUENCY CONVERTER	XA1 4
2-3	OUTPUT 2	M2: BOOST-PUMP	XA1 5
2-3	OUTPUT 3	M5: DRAIN PUMP	XA1 6
2-3	OUTPUT 4	M3/KP: RINSE AID DOSING	XA2 2
2-3	OUTPUT 5	M4/RP: DETERGENT DOSING	XA2 7
2-3	OUTPUT 6	K3/K4: POWER CUTTING	XA2 9
2-3	OUTPUT 7	Y1: FILLING VALVE	XA3 1
2-3	OUTPUT 8		XA3 2
2-3	OUTPUT 9	K1.1/1.2:BOOSTER CONTACTOR	XA3 3
2-3	OUTPUT 10	K2: TANK HEAT. CONTACTOR	XA3 4
2-3	OUTPUT 11	U1-S5: FREQUENCY CONVERTER	XA3 5
2-3	OUTPUT 12	U1-S6: FREQUENCY CONVERTER	XA3 6

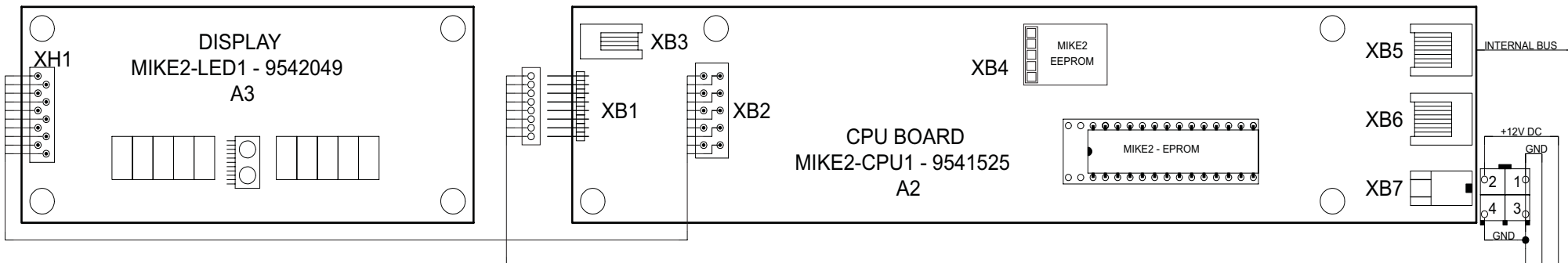
RELEASE FOR PRODUCTION	04/01/2005	LST	
RELEASE ON SUPPLY	04/01/2005	LST	
LAST DRAWER	03/21/2005	LST	
REVISION			

WIRING DIAGRAM

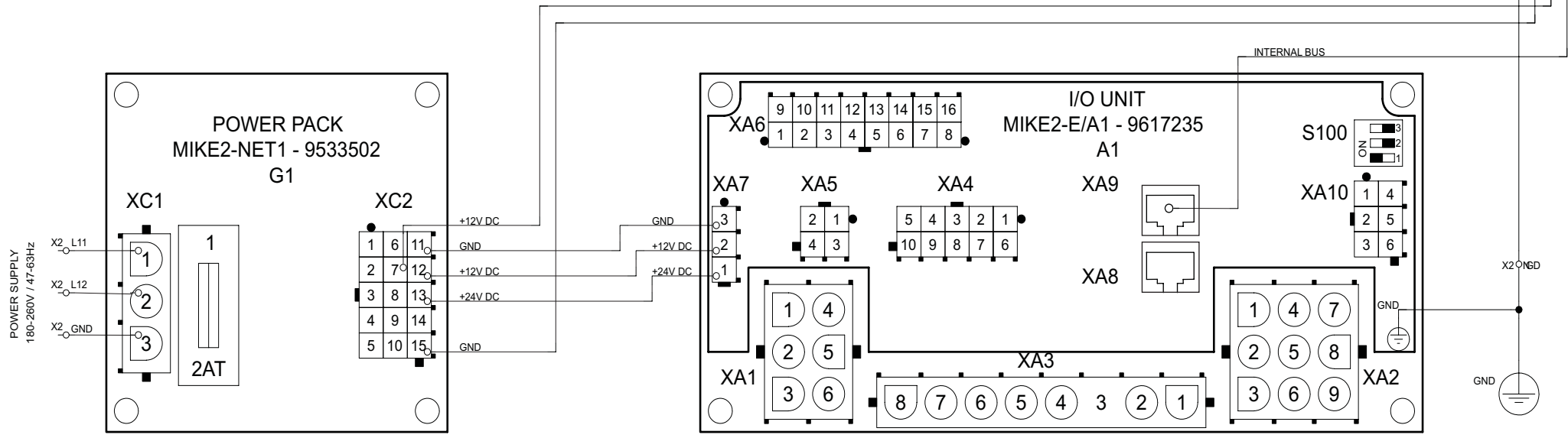


DV120.2T
208V - 230V 1 PH+G 60Hz
ALLOCATION TABLE

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DV120.2T



TOUCH PANEL
PART NUMBER: 9207357
A4



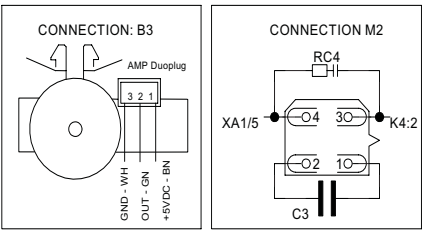
RELEASE FOR PRODUCTION	04/01/2005	LST
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WIRING DIAGRAM



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ELECTRONIC CONTROL

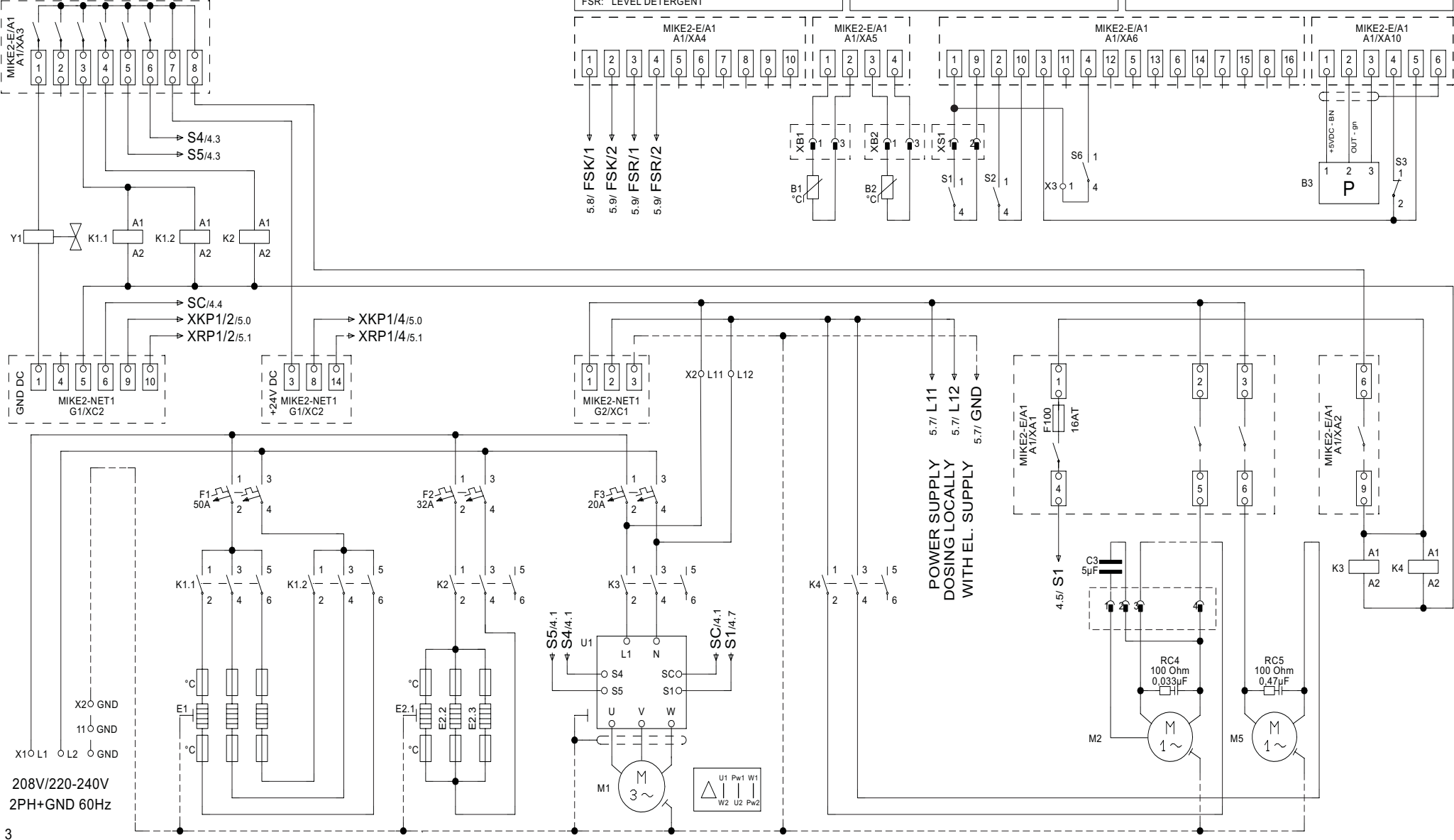
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- ### SENSORS
- B1: BOOSTER TEMPERATURE SENSOR
 - B2: TANK TEMPERATURE SENSOR
 - B3: TANK LEVEL
 - S1: DOOR SAFETY SWITCH
 - S2: BOOSTER LEVEL SWITCH
 - S3: FLOOR LEAKAGE SWITCH
 - S6: INTELLISTART SWITCH
 - FSK: LEVEL RINSE-AID
 - FSR: LEVEL DETERGENT

- ### COMPONENTS 24V DC
- K1.1: BOOSTER HEATING CONTACTOR
 - K1.2: BOOSTER HEATING CONTACTOR
 - K2: TANK HEATING CONTACTOR
 - K3: FREQUENCY CONVERTER
 - K4: POWER CUTTING CONTACTOR
 - Y1: FILLING VALVE
 - M3: RINSE AID DOSING PUMP (KP)
 - M4: DETERGENT DOSING PUMP (RP)

- ### COMPONENTS 208V/220-240V AC
- E1: BOOSTER HEATING 9,00 KW
 - E2.1: TANK HEATING 2,00 KW
 - E2.2: TANK HEATING 2,00 KW
 - E2.3: TANK HEATING 2,00 KW
 - M1: WASH PUMP (WP) 1,50 KW
 - M2: BOOST-PUMP (DSP) 0,16 KW
 - M5: DRAIN PUMP (LP) 0,09 KW
 - U1: FREQUENCY CONVERTER

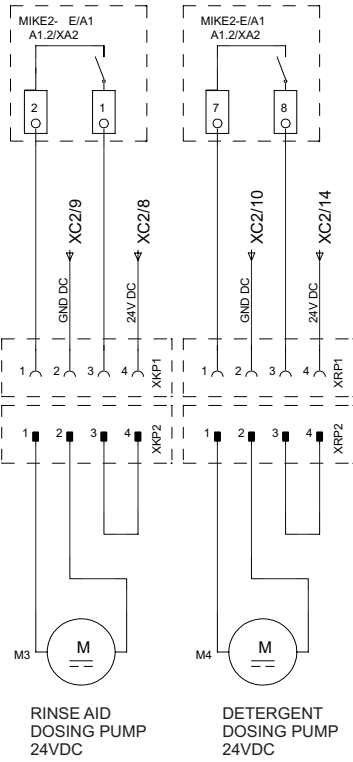


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LAST DRAWER	03/21/2005	LST
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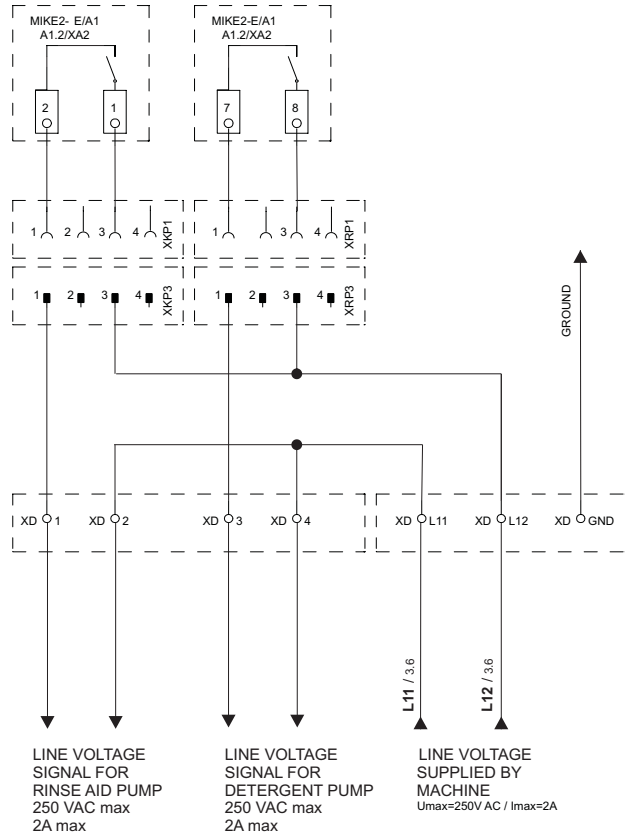
WIRING DIAGRAM

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ELECTRONIC CONTROL

INTERNAL DOSING PUMPS - 24VDC



EXTERNAL DOSING PUMPS - LINE VOLTAGE

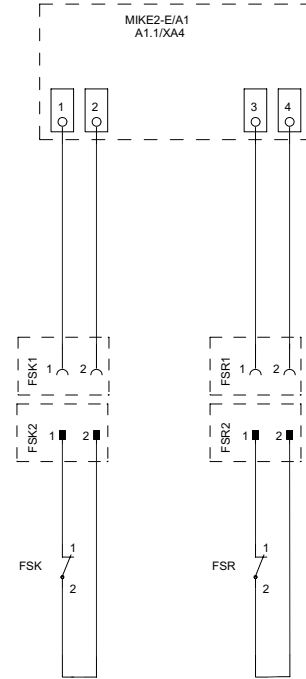


LINE VOLTAGE SIGNAL FOR RINSE AID PUMP
250 VAC max
2A max

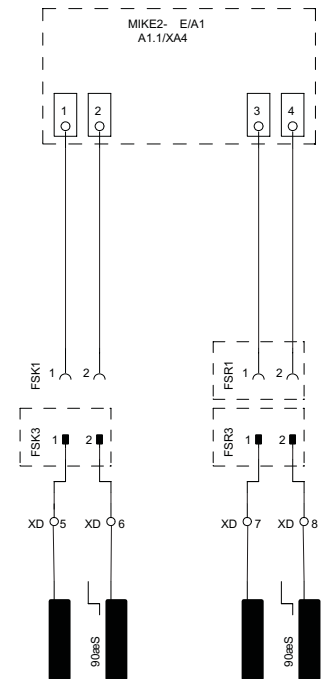
LINE VOLTAGE SIGNAL FOR DETERGENT PUMP
250 VAC max
2A max

LINE VOLTAGE SUPPLIED BY MACHINE
U_{max}=250V AC / I_{max}=2A

CHEMICAL AGENT LEVEL SENSOR (OPTIONAL)



CHEMICAL AGENT LEVEL SENSOR (OPTIONAL)



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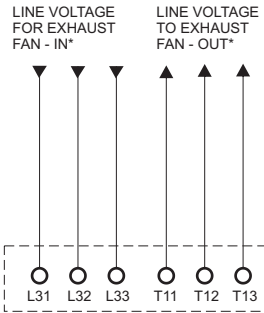
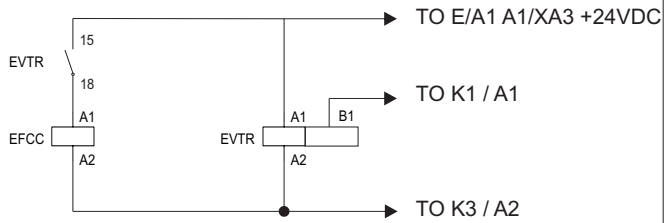
WIRING DIAGRAM



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CHEMICAL DOSING CONNECTIONS

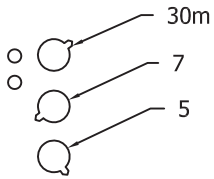
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EXTERNAL VENT FAN CONTROL



* 12 AWG 20A MAXIMUM

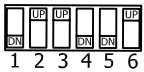
EVTR TIMER SETTINGS - DIAL STYLE



EVTR TIMER SETTINGS - DIP SWITCH STYLE



SET TO 80 %



SET DIP SWITCHES TO:

- 1 - DOWN
- 2 - UP
- 3 - UP
- 4 - DOWN
- 5 - DOWN
- 6 - UP

RELEASE FOR PRODUCTION	04/01/2005	LST	
RELEASE ON SUPPLY	04/01/2005	LST	
LAST DRAWER	08/16/2010	LST	
REVISION			