

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

WIRING DIAGRAM

Model Number : DV120.2
 Voltage : 460 VAC 60 HZ
 Phase : 3~

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	11/04/2009	SZ	
REVISION			

WIRING DIAGRAM



DV120.2
 460V 3 PH+G 60Hz
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DV120.2

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	K4: BOOSTER PUMP CONTACTOR	XA1 5
2-3	OUTPUT 3	K5: DRAIN PUMP CONTACTOR	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: FREQUENCY CONVERTER	XA2 9
2-3	OUTPUT 7	Y1: FILLING VALVE	XA3 1
2-3	OUTPUT 8		XA3 2
2-3	OUTPUT 9	K1: BOOSTER HEATER CONTACTOR	XA3 3
2-3	OUTPUT 10	K2: TANK HEATER CONTACTOR	XA3 4
2-3	OUTPUT 11	U1-S5: FREQUENCY CONVERTER	XA3 5
2-3	OUTPUT 12	U1-S6: FREQUENCY CONVERTER	XA3 6

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REVISION			

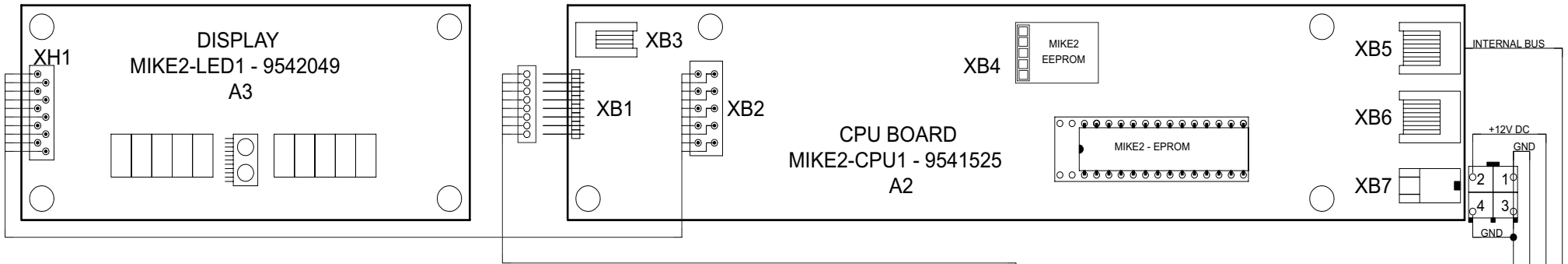
WIRING DIAGRAM



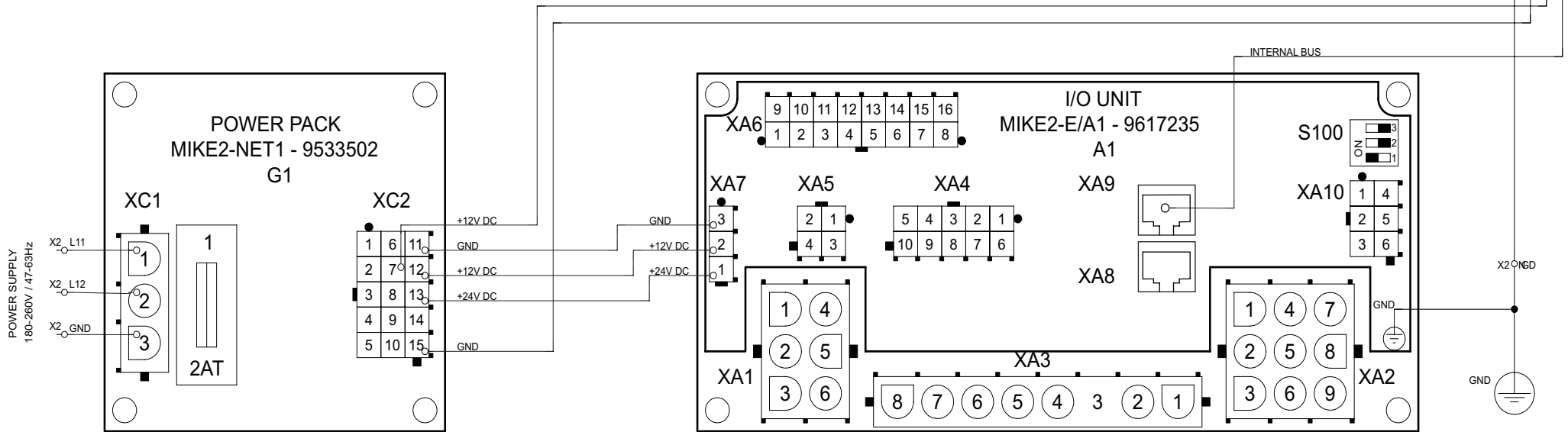
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ALLOCATION TABLE

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DV120.2



TOUCH PANEL
PART NUMBER: 9207357
A4



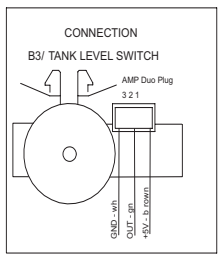
RELEASE FOR PRODUCTION	04/01/2005	LST	
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WIRING DIAGRAM

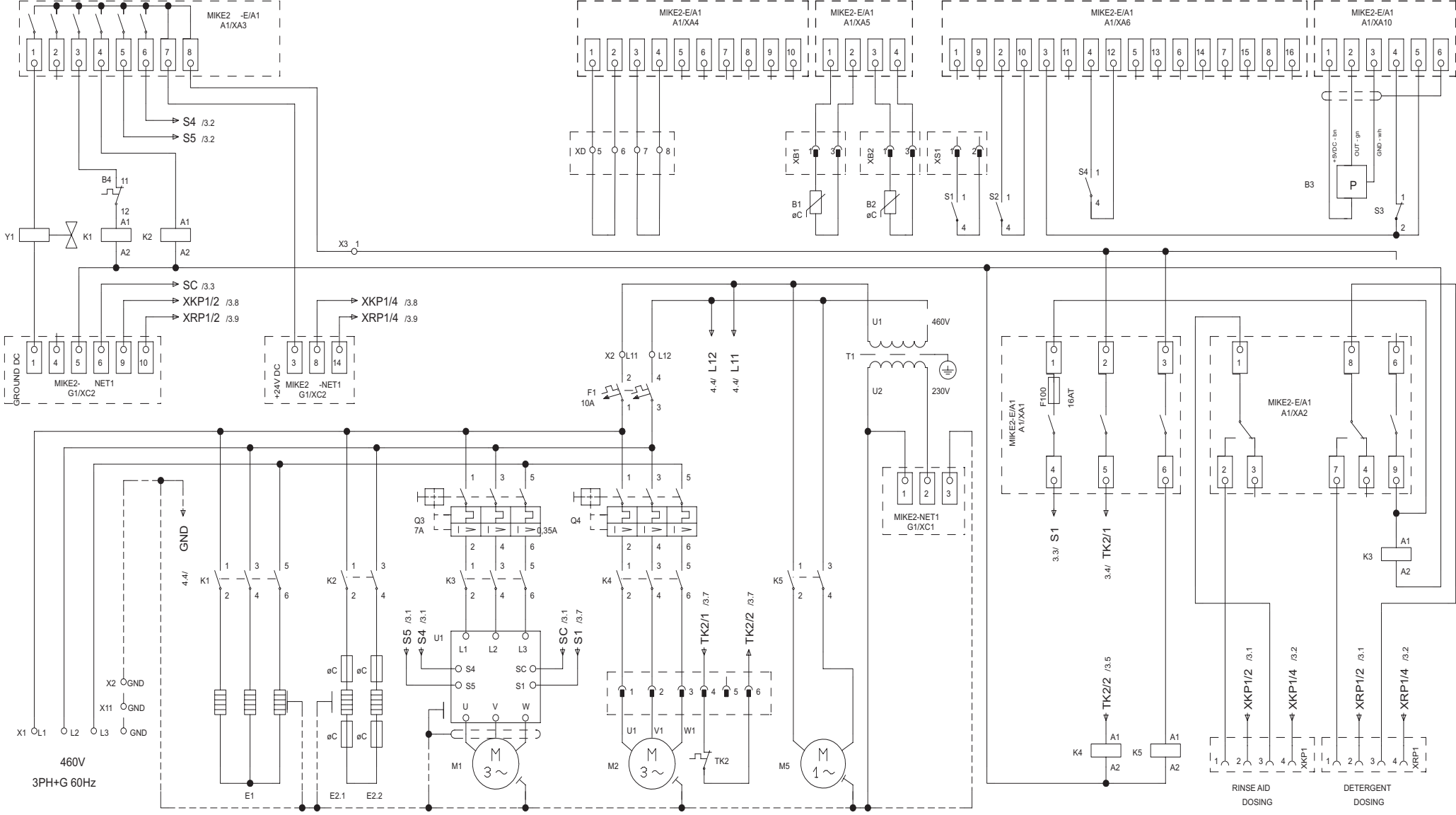


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ELECTRONIC CONTROL

9608787
DV120.2



CELLS		COMPONENTS 24V DC	COMPONENTS 230V/460V AC
B1:	BOOSTER TEMPERATURE SENSOR	FSK:	RINSE AID LEVEL (OPTIONAL)
B2:	TANK TEMPERATURE SENSOR	FSR:	DETERGENT LEVEL (OPTIONAL)
B3:	TANK LEVEL SWITCH	K1:	BOOSTER CONTACTOR
B4:	BOOSTER HIGH LIMIT SWITCH	K2:	TANK HEAT. CONTACTOR
S1:	DOOR SAFETY SWITCH	K3:	FREQUENCY CONVERTER
S2:	BOOSTER LEVEL SWITCH	K4:	BOOST PUMP CONTACTOR
S3:	FLOOR LEAKAGE SWITCH	K5:	DRAIN PUMP CONTACTOR
S4:	HOOD HANDLE START	Y1:	FILLING VALVE
		M1:	WASH PUMP (WP)
		M2:	BOOST-PUMP (DSP)
		M5:	DRAIN PUMP (LP)
		U1:	FREQUENCY CONVERTER
		E1:	BOOSTER HEATING
		E2.1:	TANK HEATING
		E2.2:	TANK HEATING
			2.0 KW
			2.0 KW
			1.5 KW



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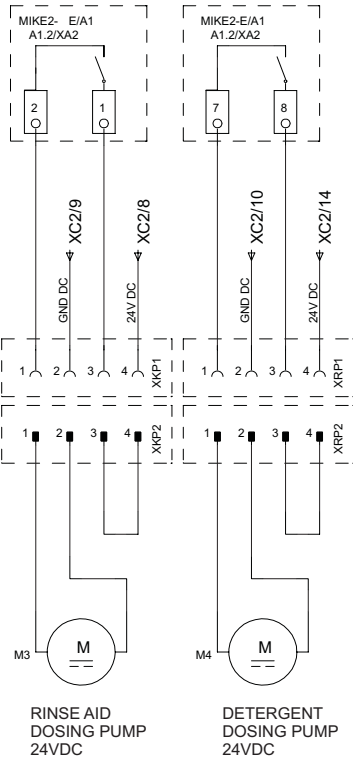
WIRING DIAGRAM



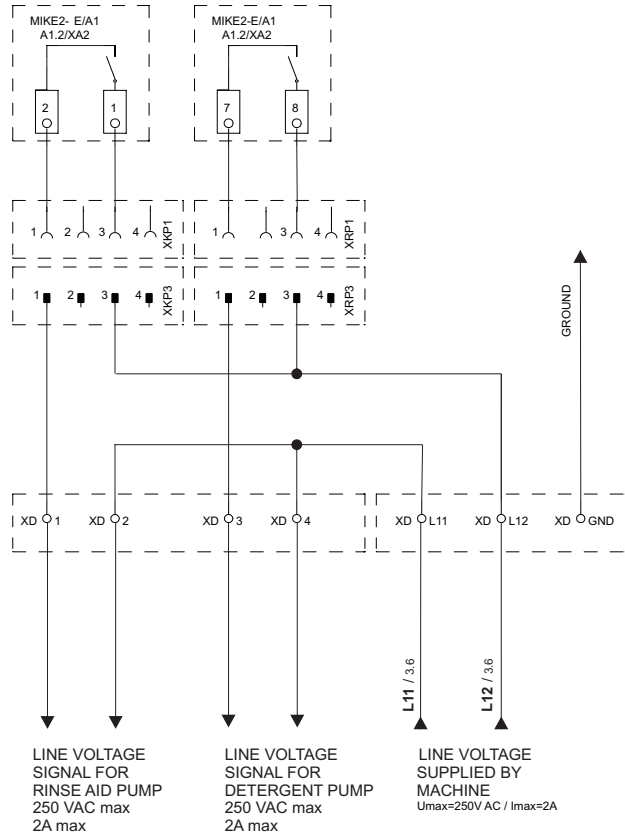
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ELECTRONIC CONTROL

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INTERNAL DOSING PUMPS - 24VDC



EXTERNAL DOSING PUMPS - LINE VOLTAGE

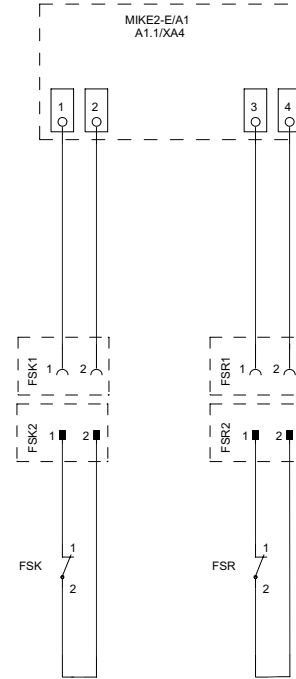


LINE VOLTAGE SIGNAL FOR RINSE AID PUMP
250 VAC max
2A max

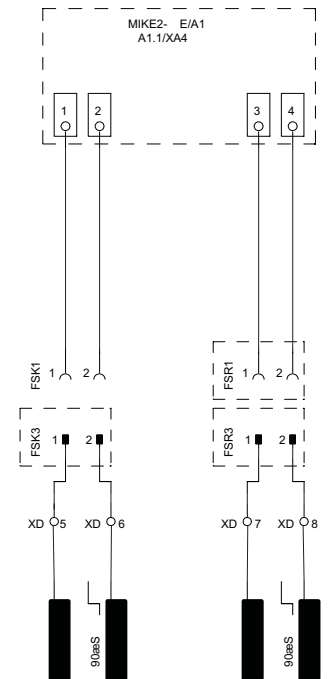
LINE VOLTAGE SIGNAL FOR DETERGENT PUMP
250 VAC max
2A max

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

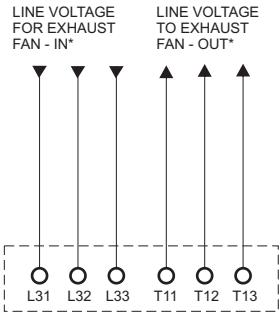
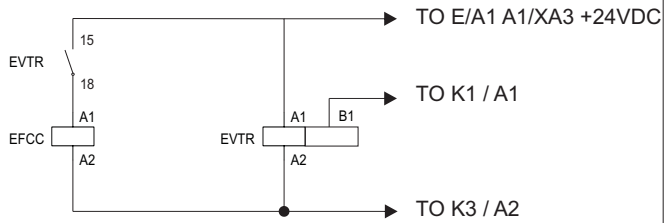


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CHEMICAL DOSING CONNECTIONS

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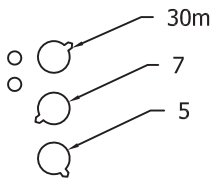
DV120.2

EXTERNAL VENT FAN CONTROL



* 12 AWG 20A MAXIMUM

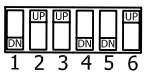
EVTR TIMER SETTINGS - DIAL STYLE



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

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RELEASE FOR PRODUCTION	04/01/2005	LST	
RELEASE ON SUPPLY	04/01/2005	LST	
LAST DRAWER	08/16/2010	SZ	
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MACHINE OPTIONS

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