

THE FOLLOWING PARAMETERS MUST BE ENABLED WHEN AN ELECTRIC LOCK IS PRESENT:

CONFIGURE SYSTEM / LOCK TYPE / SELECT: FAIL SECURE or FAIL SAFE (BASED ON LOCK TO BE INSTALLED)

PARAM STG / LOCKING / LOCK FUNCTION / SELECT: NIGHT LOCKED, 1-WAY LOCKED, or ALWAYS LOCKED (BASED ON DESIRED FUNCTION)

WHEN THE BATTERY BACKUP IS PRESENT, AN ADDITIONAL BATTERY MONITOR BOARD (P/N 9-51-0016) IS INSTALLED IN THE DOOR CONTROLLER.

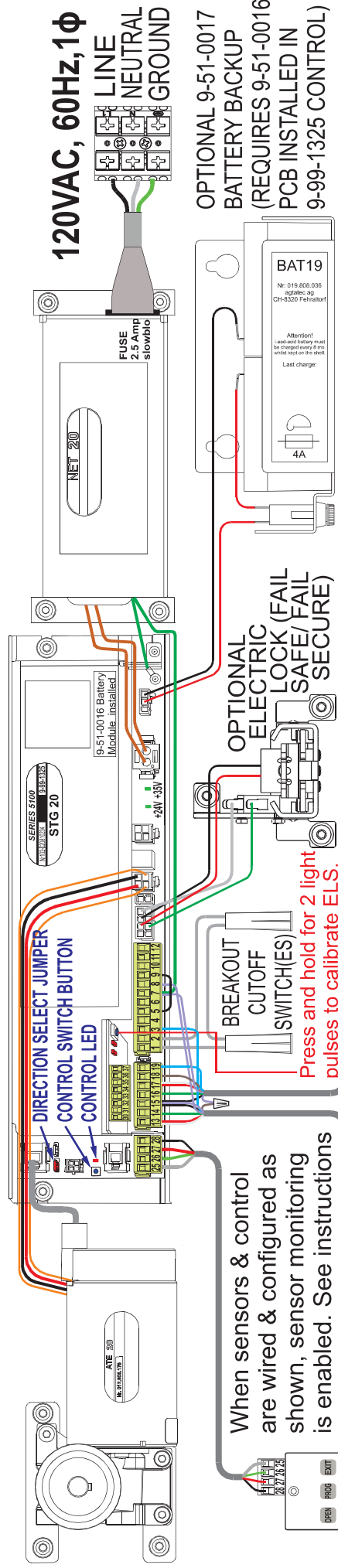
THE FOLLOWING PARAMETER MUST BE CHANGED:

CONFIGURE SYSTEM / BATTERY / SELECT: LEAD

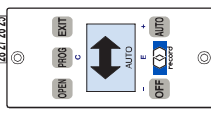
CONSULT THE PRODUCT INSTALLATION INSTRUCTIONS FOR PROPER DOOR ADJUSTMENTS.

1 EMERGENCY STOP	7 0V	13 +24V (SENSOR POWER)	19 +24V	30 SAFETYBEAM - XMTR1 + (WHT)
2 EMERGENCY STOP(+24V)	8 AUX0 OUT - NO	14 INTERIOR SENSOR		31 SAFETYBEAM - XMTR1 - (BLK)
3 +24V	9 AUX0 OUT - COM	15 0V (SENSOR POWER)	25 CANBUS - DATA H	32 SAFETYBEAM - RCVR1 + (ORG)
4 AUX00-IN	10 AUX0 OUT - NC	16 EXTERIOR SENSOR	26 CANBUS - DATA L	33 SAFETYBEAM - RCVR1 - (BLK)
5 +24V	11 SPECIAL ACTIVATION	17 +24V (SENSOR POWER)	27 +24V	34 SAFETYBEAM - XMTR2 + (WHT)
6 AUX01-IN	12 SPECIAL ACTIVATION	18 AUX04-IN	28 0V	35 SAFETYBEAM - XMTR2 - (BLK)
				36 SAFETYBEAM - RCVR2 + (ORG)
				37 SAFETYBEAM - RCVR2 - (BLK)

NOTE: THIS PRODUCT IS INTENDED FOR PERMANENT CONNECTION TO THE ELECTRICAL SUPPLY SYSTEM.



When sensors & control are wired & configured as shown, sensor monitoring is enabled. See instructions



S.M.A.R.T. DISPLAY CONTROL PANEL

Set "Test" to "ON"
Enable Monitoring
Set Air Output to "NO"

15-POWER: BLACK
13-POWER: RED
13-RELAY: WHITE
14-RELAY: GREEN
xx-RELAY: YELLOW(not used)
SAFETY: BROWN TO TEST: PURPLE EXT SENSOR
3-SAFETY: BLUE
8-TEST: PURPLE
15- TEST: PURPLE

Set "Test" to "ON"
Enable Monitoring
Set Air Output to "NC"

7-POWER: BLACK
17-POWER: RED
17-RELAY: WHITE
16-RELAY: GREEN
xx-RELAY: YELLOW(not used)
18-SAFETY:BROWN
19-SAFETY:BLUE
TEST: PURPLE TO SAFETY: BROWN INT. SENSOR
7-TEST: PURPLE

Set "Test" to "ON"
Enable Monitoring
Set Air Output to "NC"

7-POWER: BLACK
17-POWER: RED
17-RELAY: WHITE
16-RELAY: GREEN
xx-RELAY: YELLOW(not used)
18-SAFETY:BROWN
19-SAFETY:BLUE
TEST: PURPLE TO SAFETY: BROWN INT. SENSOR
7-TEST: PURPLE

INTERIOR SENSOR

JUMPER = #5 TO #9 on Control

Set Parameter AUX04 IN = SIS

Set Parameter AUX0 OUT = TEST SENSORS

EXTERIOR SENSOR

WIRING DIAGRAM SERIES 5100 System 20 w/BEA IXIO T Sensors

Mar2016 BG

