

CertiSafe™ CS-155 & CS-255 CONTROL PANEL



CS-155

For use with mixer models 2400C61, 3400C61 & 4400C61

The model CS-155 is a 120Vac, 60hz, single phase UL listed control panel engineered to operate Kasco C61 CertiSafe™ tank mixers. Designed for easy installation and operation with included EPD circuit breaker, H-O-A control switch, indicator LEDs, Low water inhibit, and SCADA I/O for remote operation and monitoring.

REQUIRED

- 20amp feed breaker required and disconnect switch if required (supplied by others)
- Auxiliary interlock input: if utilized, the terminal jumper is replaced with a dry contact relay closure
- Remote SCADA start/stop input requires a dry contact relay closure

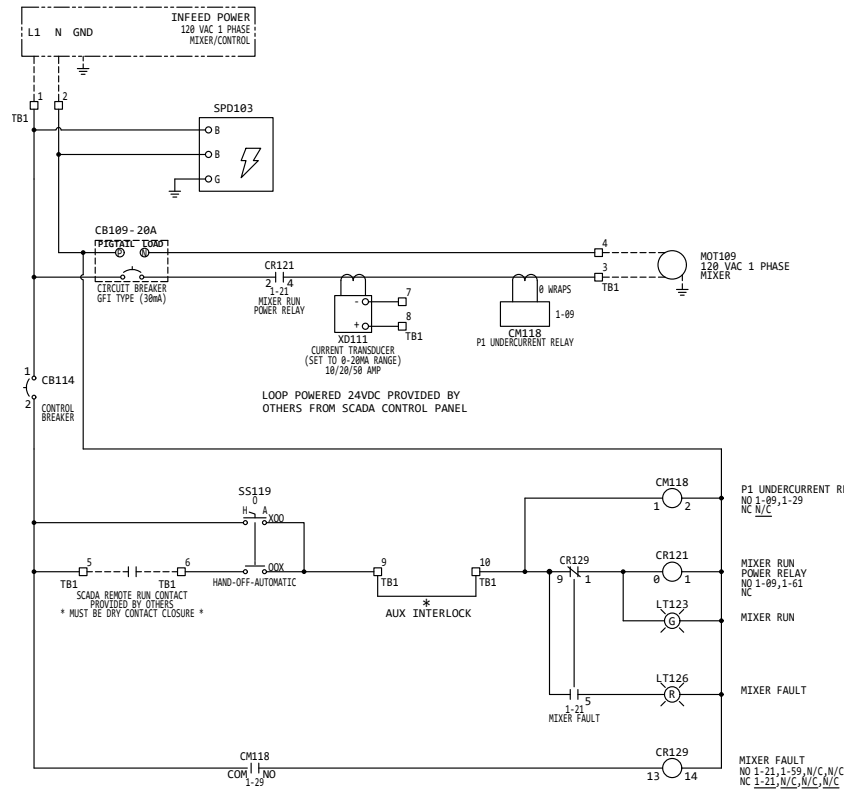
INCLUDED

- 20amp, single pole, EPD 30ma trip circuit breaker
- Motor contactor: 1hp, 120Vac motor load rated
- Green LED running indicator light
- Red LED Fault indicator light
- H-O-A switch (Hand-Off-Auto)
 - Hand mode operates the mixer continuously (local control)
 - Auto mode operates the mixer from remote SCADA input
- Surge protector with failure indicator
- Interface for remote SCADA mixer start/stop control signal (H-O-A Auto mode)
- Low water inhibit: Inhibit mixer operation if tank level drops below operating level
- 4-20ma motor current output (to SCADA) for monitoring motor status and fault condition
- Dry contacts (to SCADA) for: H-O-A in Hand, H-O-A in Auto, Mixer Running, & Mixer Fault
- Auxiliary interlock input for local low tank level inhibit
- UL508A listed control panel for US and Canada
- UL type rated 4X/3R nonmetallic enclosure with pad lockable latch, and integral mounting feet.
- Detailed wiring schematic with field terminal identification.

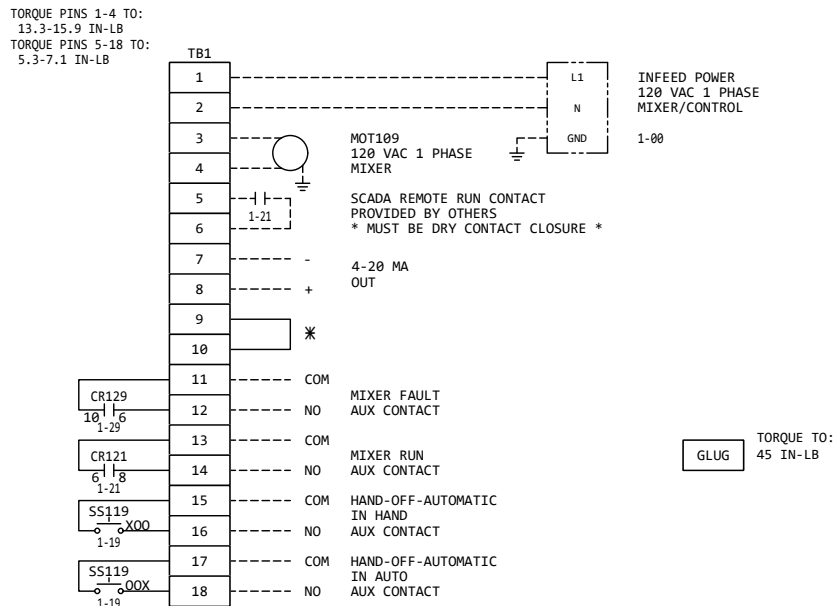


CertiSafe™ CS-155 & CS-255 CONTROL PANEL

CS-155 Schematic



Field Wiring Section



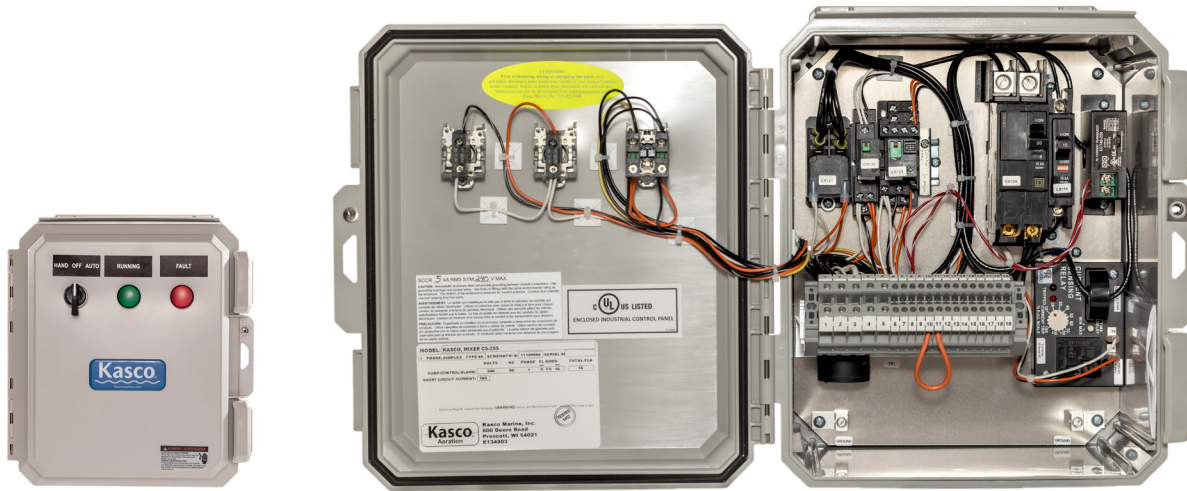
* ONLY REMOVE FACTORY INSTALLED AUX INTERLOCK JUMPER WIRE FROM TB1:9 AND TB1:10 IF EXTERNAL DEVICE IS REQUIRED TO INHIBIT MIXER OPERATION. THE EXTERNAL INTERLOCK DEVICE (FLOAT LEVEL TANK, LEVEL CONTROLLER, REMOTE SWITCH, ETC.) MUST BE A NON POWERED DRY CONTACT (NORMALLY CLOSED) AND PROVIDE DELAY CIRCUIT TO PREVENT MIXER SHORT/RAPID CYCLING, FAILURE TO DO SO WILL CAUSE MIXER DAMAGE AND VOID WARRANTY.



CS-155 / CS-255 CUT SHEET

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CertiSafe™ CS-155 & CS-255 CONTROL PANEL



CS-255

For use with mixer models 3400HC61, 4400HC61, & 8400C61

The model CS-255 is a 240Vac, 60hz, single phase UL listed control panel engineered to operate Kasco C61 Certisafe™ tank mixers. Designed for easy installation and operation with EPD circuit breaker, H-O-A control switch, indicator LEDs, low water inhibit, and SCADA I/O for remote operation and monitoring.

REQUIRED

- 30amp feed breaker required and disconnect switch if required (supplied by others)
- Auxiliary interlock input: if utilized, the terminal jumper is replaced with a dry contact relay closure
- Remote SCADA start/stop input requires a dry contact relay closure

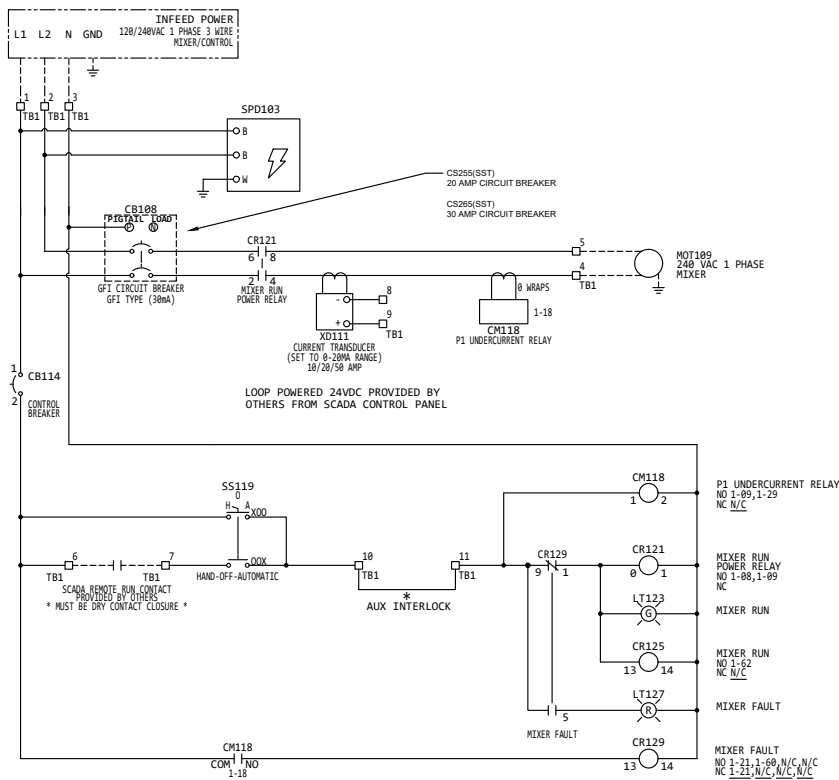
INCLUDED

- 20amp, 2pole, EPD 30ma trip circuit breaker
- Motor contactor: 2hp, 240Vac motor load rated
- Green LED running indicator light
- Red LED Fault indicator light
- H-O-A switch (Hand-Off-Auto)
 - Hand mode operates the mixer continuously (local control)
 - Auto mode operates the mixer from remote SCADA input
- Surge protector with failure indicator
- Interface for remote SCADA mixer start/stop control signal (H-O-A Auto mode)
- Low water inhibit: Inhibit mixer operation if tank level drops below operating level
- 4-20ma motor current output (to SCADA) for monitoring motor status and fault condition
- Dry contacts (to SCADA) for: H-O-A in Hand, H-O-A in Auto, Mixer Running, & Mixer Fault
- Auxiliary interlock input for local low tank level inhibit
- UL508A listed control panel for US and Canada
- UL type rated 4X/3R nonmetallic enclosure with pad lockable latch, and integral mounting feet
- Detailed wiring schematic with field terminal identification

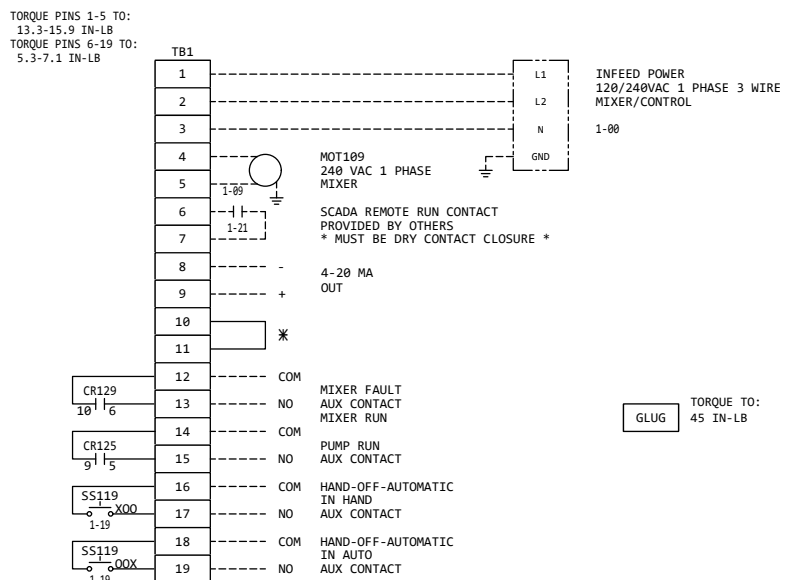


CertiSafe™ CS-155 & CS-255 CONTROL PANEL

CS-255 Schematic



Field Wiring Section



* ONLY REMOVE FACTORY INSTALLED AUX INTERLOCK JUMPER WIRE FROM TB1:9 AND TB1:10 IF EXTERNAL DEVICE IS REQUIRED TO INHIBIT MIXER OPERATION. THE EXTERNAL INTERLOCK DEVICE (FLOAT LEVEL TANK, LEVEL CONTROLLER, REMOTE SWITCH, ETC.) MUST BE A NON POWERED DRY CONTACT (NORMALLY CLOSED) AND PROVIDE DELAY CIRCUITRY TO PREVENT MIXER SHORT/RAPID CYCLING. FAILURE TO DO SO WILL CAUSE MIXER DAMAGE AND VOID WARRANTY.

CertiSafe™ CS-155 & CS-255 CONTROL PANEL

CS-155 / CS-255 Enclosure Dimensions

