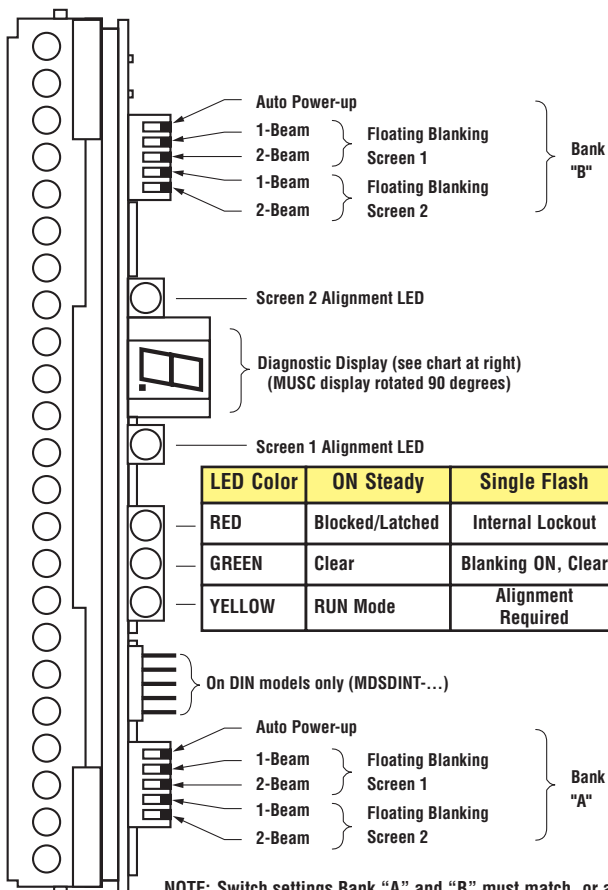




MINI-SCREEN® Controller Models
 MDSINT-1T2, MDSINT-1L2 and MUSC-1T3
 without Fixed-Beam Blanking

Operating Status and Diagnostic Reference

Controller Module Assembly



LED Color	ON Steady	Single Flash	Double Flash
RED	Blocked/Latched	Internal Lockout	-
GREEN	Clear	Blanking ON, Clear	-
YELLOW	RUN Mode	Alignment Required	Power-up Lockout

NOTE: Switch settings Bank "A" and "B" must match, or an internal lockout will occur. Power to the control box should be OFF when changing switch settings, or a lockout will occur, requiring a key reset.

Diagnostic Display Codes

NOTE: Flashing decimal point indicates noisy environment

Error No.	Error Type/Action
0	E-stop open <ul style="list-style-type: none"> • Check E-stop Circuit • Replace Controller • Replace Relay/Power Supply
1	Relay Signal Error <ul style="list-style-type: none"> • Replace Relay Module • Replace Controller • Replace Power Supply
2	Key Input Error <ul style="list-style-type: none"> • Check Key Position • Invalid Key Reset • Replace Key Switch
3	Controller Error <ul style="list-style-type: none"> • Replace Controller
4 1	Receiver Error <ul style="list-style-type: none"> • Check Receiver Cable(s) • Replace Receiver(s)
* 4 2	
5 1	Emitter Error <ul style="list-style-type: none"> • Check Emitter Cable(s) • Replace Emitter(s)
* 5 2	
6 1	Communication Error <ul style="list-style-type: none"> • Check Cable Connections • Observe Noise Indicator • Replace Emitter/Receiver
* 6 2	
7	DIP Switch Error <ul style="list-style-type: none"> • Check Switch Settings • Replace Controller
8	CPU Error <ul style="list-style-type: none"> • Replace Controller
9	E-Stop Input Error** <ul style="list-style-type: none"> • Check E-Stop Circuit • Replace Controller • Replace Relay/Power Supply

* 2-digit code. Second digit indicates which screen has the error

** To clear a #9 error, power must be removed from the controller, the fault must be corrected, and a power-up sequence must be performed.

NOTE: E-Stop function present on DIN models only

Product Support Information

Factory Support:



Toll Free Tel: 888.373.6767
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Local Support: