



AFW Access Systems
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TERMINAL BOARD CONNECTIONS

For Slider Cross-Speed 5 – Speed 8

- 1 – 2 110 V AC 50 Hz Power Supply
- 5 – 6 – 7 Motor Terminals: 5 – common, 6 – opening, 7 – closing. Capacitor between terminals 6 – 7
- 3 – 4 110 V 50 W Max. FLASHING OUTPUT. The signal supplied is already modulated for direct use. Flashing frequency increases slightly in closing phase.
- 8 – 9 24 V AC 3 W output for GATE OPEN indicator – the indicator lights up when gate is completely opened and switches off when closing is started.
- 10 – 11 24 V AC 10 W output for power supply for photocells, etc.
- 12 – 14 OPEN LIMIT SWITCH input (**normally closed**) 14 – common.
- 13 – 14 CLOSE LIMIT SWITCH input (**normally closed**) 14 – common.
- 15 – 14 FIXED SAFETY EDGE input (**normally closed**). Operates only during closing phase. The safety edge shuts down gate movement temporarily and activates partial reopen app. 20 cm (9”) to enable removal of obstacle. 14 – common.
- 16 – 20 PHOTOCELL or other SAFETY DEVICE input (**normally closed**). When this device is activated, the gate is shut down temporarily until the detected obstruction is removed (depending on setting of dip switch 1). During closing, the gate will stop and re-open completely. 20 – common.
- 17 – 20 OPEN/CLOSE push button input (**normally open**). For functions refer to dip switch 1 & 2. 20 – common.
- 18 – 20 PEDESTRIAN push button input (**normally open**). Same as Open/Close push button but with limited stroke of app. 1 m (39”) opening for pedestrian access only. 20 – common.
- 19 – 20 STOP push button input (**normally closed**). When activated, the gate movement stops. The gate opens automatically when reactivated. 20 – common.
- 21 – 22 AERIAL input. 21 – core 22 – shield
- 23 – 24 2nd RADIO CHANNEL output.

NOTE ALL **NORMALLY CLOSED** CONTACTS MUST BE BRIDGED IF NOT USED. THE UNIT MUST BE EARTHED.

LOGIC ADJUSTMENTS – TRIMMERS.

- T.L. Operation Time Adjustment – from 0 to 180 seconds.
- T.C.A. Automatic Closure Time – from 0 to 120 seconds.
- R.C.M. Motor Torque Adjustment

DIP SWITCH ADJUSTMENTS

1. ON When the gate is in operation, a series of Open/Close commands activates the gate in the following sequence. OPEN – CLOSE – OPEN – CLOSE – OPEN – etc.
 OFF When the gate is in operation, a series of Open/Close commands activates the gate in the following sequence. OPEN – STOP - CLOSE – STOP – OPEN – STOP - CLOSE – STOP - OPEN – STOP - etc.

2. ON You can reverse directions both ways
 OFF You can reverse direction only when the gate is closing.

3. ON During opening phase, the activation of photocell will shut down the gate movement until the detected obstacle is removed. During closure, the activation of photocell will cause the gate movement to shut down and re-open.
 OFF During opening phase, the activation of photocell will have no effect. During closing phase, the activation of photocell will operate as above (ON)

4. ON Enable automatic closure of gate as set by trimmer T.C.A.
 OFF The gate will not close automatically.

FOR ANY FURTHER INFORMATION PLEASE CONTACT OUR TECHNICIANS AT 305-691-7711

ALL CARE HAS BEEN TAKEN IN COMPILING THIS SET OF INSTRUCTIONS HOWEVER AFW ACCESS SYSTEMS
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