



AFW Access Systems
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TERMINAL BOARD CONNECTIONS

For Slider Cross Speed 2 MEC-10

110 V	Terminals inside transformer housing.
1 – 2	12V DC supply terminal 1 + terminal 2 –
3 – 4	12V DC 6Ah dry battery input terminals 3 + terminal 4 - This battery guarantees power to panel for 24 hours with panel in waiting state or 20 minutes with motor running (app. 30 maneuvers) BATTERY IS OPTIONAL.
5 – 6	12V DC OUTPUT max. 80W to power photocells, etc. Terminal 5 + Terminal 6 –
7 – 8	12V DC motor output max. 50W
9 – 10	used in MEC-20 only.
11 – 14	12V DC 20W output for flashing light. Terminal 11 + Terminal 1
12 – 14	12V DC 12W indicator light output. It is on from beginning of the opening until the gate is completely closed. Terminal 12 + Terminal 14 –
13 – 14	12V DC 15W electric lock output. Terminal 13 + Terminal 14 –
15 – 17	Pedestrian push button input. (normally open)
16 – 17	OPEN/CLOSE push button (step-by-step). Refer for operation to dip switch 3 & 4. (normally open)
18 – 17	Stop push button. Stop gate in any direction. (normally closed)
19 – 17	SAFETY input. Photo cells etc. (normally closed)
20 – 17	Fixed safety edge input. During opening phase the gate will re-close for about 2 seconds. During closing phase gate will reopen for about 2 seconds. (normally closed)
21 to 24	Factory connections for limit switch encoder.

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 - STOP - CLOSE - STOP - OPEN - STOP etc.
OFF function is determined by dip switch 3
2. ON photocell operates during open and closing.
OFF photocell operates only when gate is closing.
3. ON open/close push button will reverse gate in both directions.
OFF gate will only reverse in closing phase
4. ON enables automatic closure of gate.
OFF the gate will not close automatically

5 & 6 SLOWING DOWN (100% being total travel time)

OFF OFF	95%	normal speed	5% at reduced speed
OFF ON	88%	normal speed	12% at reduced speed
ON OFF	63%	normal speed	37% at reduced speed
ON ON	50%	normal speed	50% at reduced speed

7 & 8 NOT IN USE

9 & 10 ELECTRONIC FRICTION ADJUSTMENT

The system is highly sensitive to any variation in speed of travel due to any obstructions. Adjust as follows:

OFF OFF	Maximum
ON OFF	Medium maximum
OFF ON	Medium minimum
ON ON	Minimum

SETTING TRAVEL (LIMITS) TIME

1. Place JMP1 into "MEMO" bridge
2. Press OPEN/CLOSE push button and make sure that the first movement of gate is closing phase (if you open gate slightly you can ensure easier that this happens). If gate travels wrong way reverse motor polarity.
3. After gate having closed, in about 2 seconds the gate will open fully. Ensure that gate comes to a "stop" you have installed.
- 4 Replace JMP1 into "NORMAL" bridge as your limits have now been set.

SETTING AUTO CLOSE TIME - REQUIRED ONLY IF AUTO CLOSING IS NEEDED

(Time for which gate stays open before closing automatically)

1. Place JMP1 into "MEMO" bridge.
2. Press OPEN/CLOSE push button and make sure that the first movement of gate is closing phase (if you open gate slightly you can ensure easier that this happens). If gate travels wrong way reverse motor polarity.
3. After gate having closed, in about 2 seconds the gate will open fully. Ensure that gate comes to a "stop" you have installed.
4. Now the gate is fully opened wait for the period of time you want the gate to stay opened before closing automatically and then push OPEN/CLOSE push button.
5. Replace JMP1 into "NORMAL" bridge as your limits and auto close times have now been set.

TO CHANGE ABOVE TIMES PLACE JMP3 INTO RESET POSITION FOR TWO TO THREE SECONDS ONLY AND THEN JMP1 INTO "MEMO" AND FOLLOW ABOVE INSTRUCTIONS

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 TAKES NO RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS