

MONITORED REVERSING EDGES

CAUTION: Read installation instructions before installing sensing edges.

DoorKing 8080 Series Sensing Edges operate on 24 volts AC/DC, 1/2 amp maximum. Overloading will decrease the life of the product and could cause immediate failure of the edge or electrocution.

The 8080 Series Sensing Edges are designed to be used with motorized vehicular doors and gates only. This monitored resistive edges provides external entrapment protection that meets 2018 UL 325 standards for a type B2 contact sensor device. It sends a signal to stop and/or reverse gate operation when encountering an obstruction. These edges will work with wireless or hardwired gate applications. END-OF-LINE edge gets wired **at the end** in the series.

DoorKing Part Numbers:

8080-260

6 ft 2-wire end-of-line edge

8080-250

5 ft 2-wire end-of-line edge

8080-264

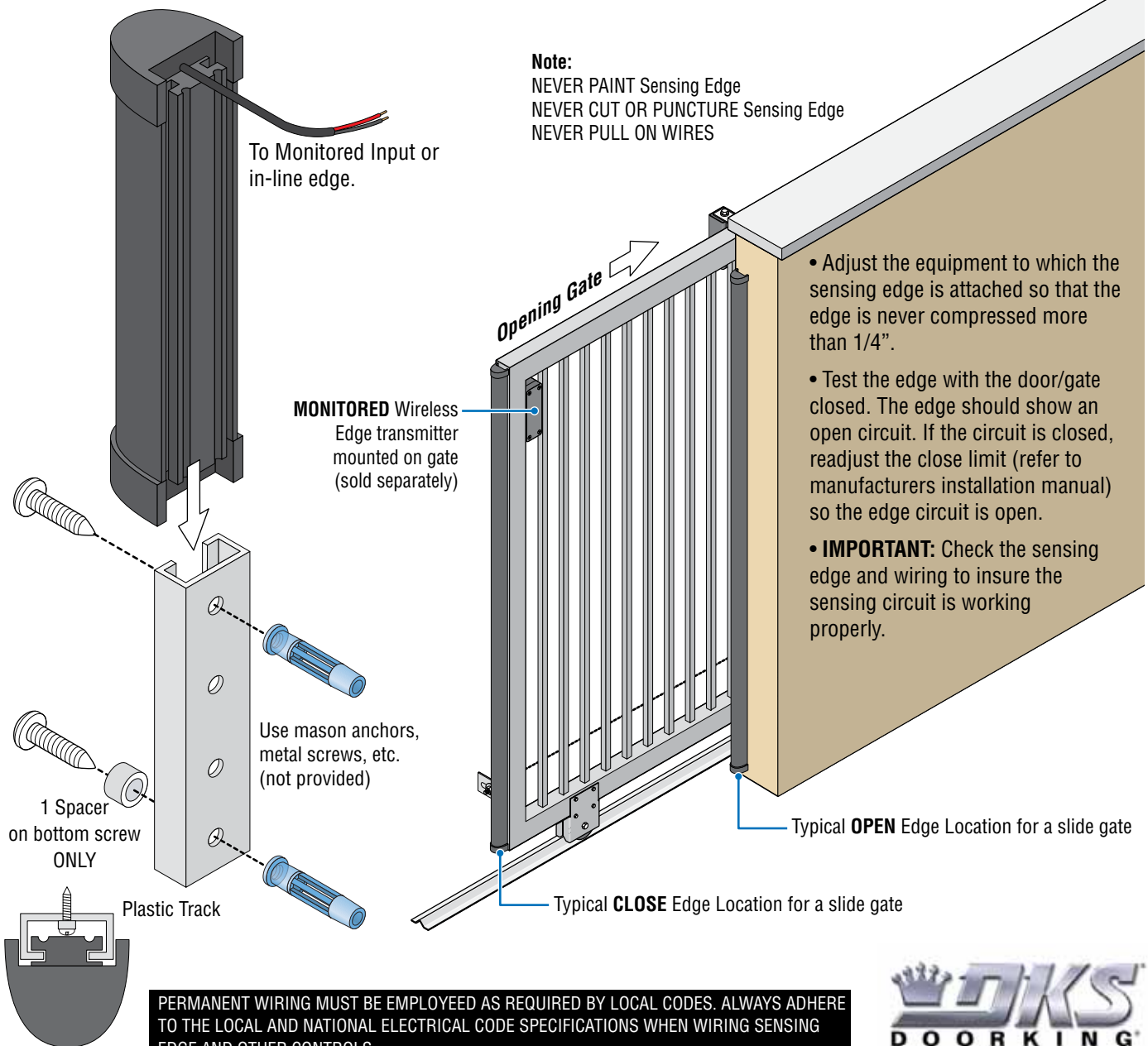
6 ft 4-wire in-line edge

8080-254

5 ft 4-wire in-line edge

Installation

Connect the sensing edge to the door/gate operator control board as specified by the door or gate operator manufacturer. Slide plastic track off of edge and mount it to the desired surface drilling enough holes in it as necessary to secure it to the surface using appropriate hardware (not provided). Slide edge back onto track and run wire to: gate operator, wireless transmitter or to a 4-wire IN-LINE edge when series wiring edges together (**see next page for possible edge locations**).



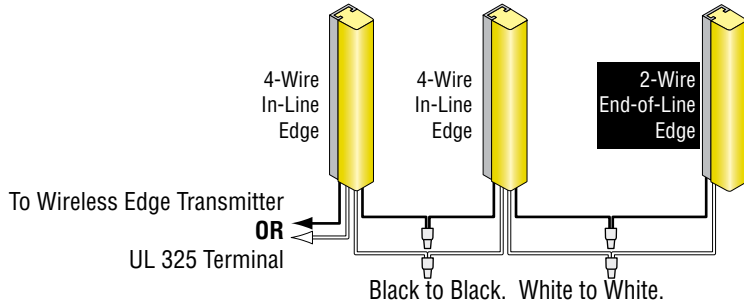
Typical SWING GATE Edge Locations

Type of wiring to be used on ALL external devices:

A) Type CL2, CL2P, CL2R, or CL2X.

B) Other cable with equivalent or better electrical, mechanical, and flammability ratings.

Wiring Multiple Reversing Edges
 (Add as many "4-wire" In-Line edges as needed)
 Reversing Edges are wired in series



DoorKing Part Numbers:

8080-260

6 ft 2-wire end-of-line edge

8080-250

5 ft 2-wire end-of-line edge

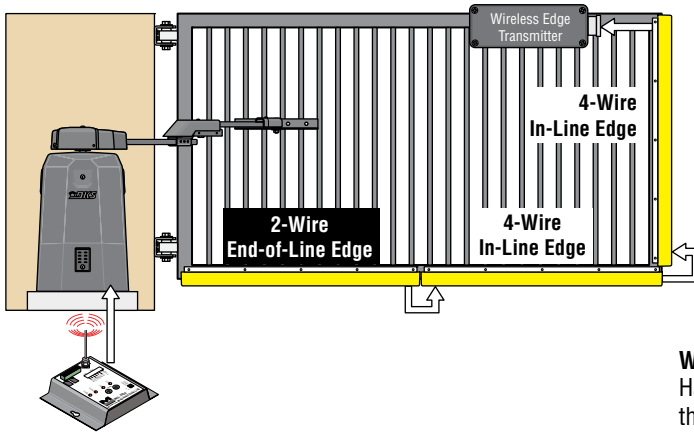
8080-264

6 ft 4-wire in-line edge

8080-254

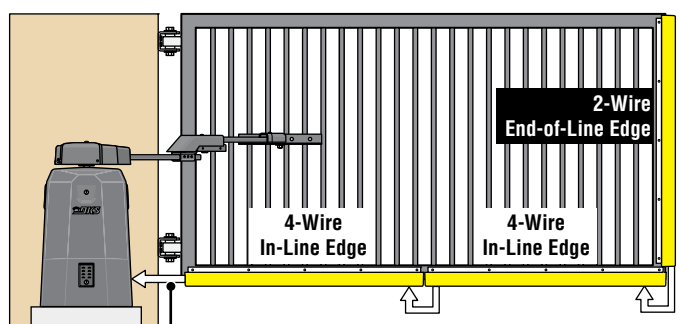
5 ft 4-wire in-line edge

WIRELESS Multiple Reversing Edge Configuration



Wireless Receiver wired to operator

HARDWIRED Multiple Reversing Edge Configuration



Wiring to Operator

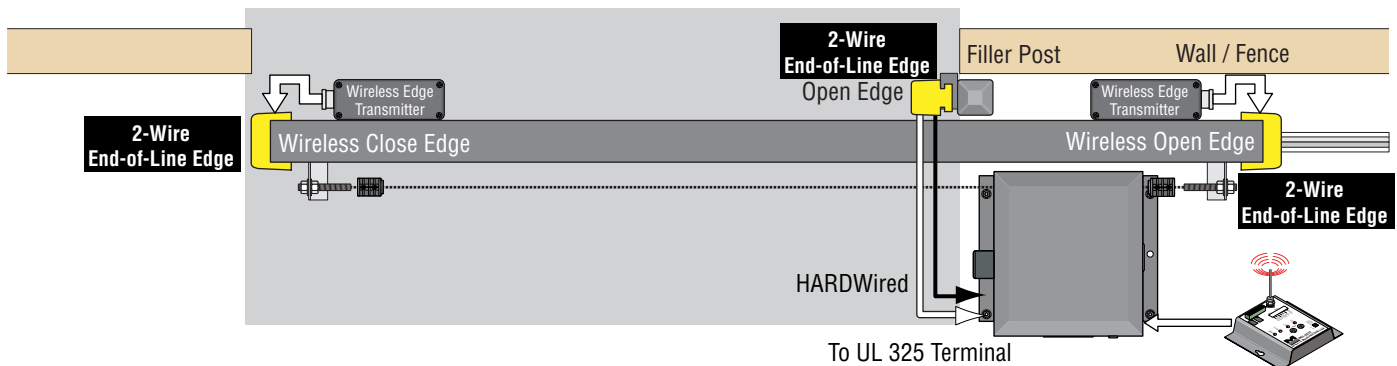
Hardwiring arranged so that the communication between the sensor and the gate operator is NOT subjected to mechanical damage.

Typical SLIDE GATE Edge Locations

Type of wiring to be used on ALL external devices:

A) Type CL2, CL2P, CL2R, or CL2X.

B) Other cable with equivalent or better electrical, mechanical, and flammability ratings.



Wireless Receiver wired to operator when using wireless edge transmitters