

DIABLO DSP-6LP LOOP DETECTOR ARES WIRING

“Free” Exit Loop

“OPEN ONLY” DEVICE (RADIO RECEIVER, KEYPAD, ETC.)	
POWER + -----	13
POWER - -----	12
RELAY COMMON -----	21
RELAY N.O. -----	26



Power - 10 to 30 Volts AC or DC. Approximately 1 mA (no car and all loop sizes) and less than 25 mA with a car on the loop.

Size - Height: 1.52" Width: 2.9" Depth: 1.56"

Connector - Removable 7-pin terminal block. Pin assignments are shown below - from left to right:

- 1 - Relay (NC) (opens for detect) 1amp max
- 2 - Relay Common
- 3 - Relay (NO) (closes for detect) 1amp max
- 4 - Power Common
- 5 - Power in (10 to 30 Volts AC or +DC)
- 6 - Loop
- 7 - Loop

Safety Loop

PHOTOCELL SENSOR AND/OR LOOP DETECTOR WIRING (CLOSING OBSTRUCTION)	
POWER + -----	13
POWER - -----	12
RELAY COMMON -----	21
RELAY N.C. -----	24

Wire Photocell and Safety Loop in Series. Remove the existing jumper.