

MRPC33 Safety Reflective Photo Eye with Hood Kit

Questions? Email sales@dfsupplyinc.com



Congratulations on purchasing the MRPC33 Safety Reflective Photo Eye with Hood Kit from DF Supply, Inc.

Follow these instructions to properly set up your Safety Reflective Photo Eye Kit with various different types of automatic gate and door openers or operators.

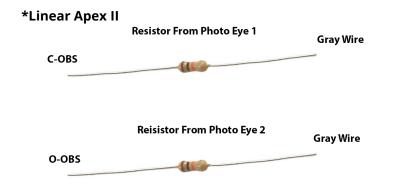
> DF Supply, Inc. Email: sales@dfsupplyinc.com Web: www.dfsupplyinc.com

BROWN	POWER	
		}12-30V DC/AC 60 Hz
BLUE	POWER	,
GRAY	NORMALLY OPEN	
WHITE	COMMON	7
BLACK	NORMALLY CLOSE	D

Common Wiring Ports						
	Brown	Black	Gray	White	Blue	
Apollo 635/636/835/836	12V	Not Used	14	GND	GND	
Apollo 1050i	V+	Not Used	28	29	GND	
Apollo 936i	12V	Not Used	Safety	GND	GND	
BFT Libra UL	11	18	Not Used	15	12	
BFT Rigel 5	20	3.5	Not Used	33	21	
FAAC E024U	8	4	Not Used	6	7	
FAAC 455D	17	12	Not Used	16	16	
GTO Blue Board *Must splice from battery*	Battery +	Not Used	Safety	сом	сом	
Linear Apex DC+ Not Used		C-OBS	сом	DC-		
Linear Apex II DC+		Not Used	See Figure*	сом	DC-	
USAutomatic##	J2 Pin 12	J2 Pin 8	Not Used	J2 Pin 7	J2 Pin 2	

11 When installing USAutomatic, 12V battery must be connected to properly align photo eye beam.

Disclaimer: Please note this is only a suggestion for typical applications. Your gate opener control board may vary due to manufacturer revisions. Please consult your gate opener manual for detailed instructions.



- Sensing range adjustable potentiometer (optional)
- PC casing, anti fog / dew / rains
- IP-55 Water Proof
- Square/ Round Shape reflector selectable
- Wrap around mounting bracket
- Input Volt.: 12-30V DC/AC 60 Hz
- 2 LED indicators for power and beam alignment
- Hood for round / square shape reflector (optional)

Detection Method	Retro-Reflection				
Sensing Range	10 meters				
Supply Volt	12-30V DC/AC 60 Hz				
Response Time	10 msec.				
Sensing Range (adjustable)	10m				
Emitting Element	IR LED				
LED Indicator	Beam Aligned	N.C.: ON	N.O.: OFF		
(Left Side)	Beam Broken	N.C.: OFF	N.C.: ON		
Power LED	When Powered: LED ON				
Indicator (Right Side)	Power Off: LED OFF				
Dimensions	20mm(w) x 63mm(h) x 39mm(d)				
Current Consumption	100mA				
Output Method	SPDT Relay output				
Switching Capacity	30VDC/AC, 2A				
Connection Method	Cable wires: Brown / Blue / White / Black / Gray				
Housing Method	Case: PC ; Lens: PC				
Operating Temp.	-4°F to 131°F (-20°C to 55°C)				
Water Proof	IP-55				
Cable Wires	2517 / 24AWG / 5 cores				

