



“INDIVIDUAL” PHOTO-EYES

Back Up any Mechanical Door Edge Control with Our Dependable Elevator Door Controls...That Cost Less!



With the ElevatorEye™ you can select “Individual” eye systems that fit any door application to back up the mechanical safety edge. The reflectors, mounting brackets, and all hardware are included. They are easy to install and even easier to maintain. They provide dependable operation up to 12’ using infrared invisible light and are unaffected by light from other sources. They meet or exceed state and local codes, even the ADA (Americans with Disabilities Act) requirements, and have the highest quality and reliability. There is an **Automatic Disable Timer** model available. The ElevatorEye™ is sealed in a high-impact plastic case, which is dirt and moisture resistant.

- Ⓜ Dependable, self-contained, retroreflective ON/OFF eyes.
- Ⓜ Automatic Disable Timer model available.
- Ⓜ Only 1” overall width to allow mounting in tight spaces.
- Ⓜ Easy-to-see LED output indicator.
- Ⓜ High impact plastic case is dirt and moisture sealed.
- Ⓜ Polarized filter model available. Eliminates problems caused by reflective light from shiny objects. Consult factory.

SPECIFICATIONS - “INDIVIDUAL” EYES

Power Input: From 24 to 130 VAC or VDC
Power Consumption: 2 VA
Temperature Range: 14° to 122°F/85% RH (-10°C to 50°C)
Output Relay: (SPDT) 5 A @ 120 VAC or 24 VDC
Relay Operation: Normally de-energized before input occurs
Response Time: 10 milliseconds
Disable Timer on UEER2: Adjustable from 10 to 45 seconds
Light Source: Infrared (invisible)
Wavelength: 880 nm
Output Indicator: (Red LED) Follows status of output relay
Cabling: 6’ standard, 5-conductor, 22 AWG
Size: 2.75” H x 3.5” L x 1” W (69.85 mmH x 88.9 mmL x 25.4 mmW)
Mounting Holes: 2.25” center to center, .125” ID

Connections – “Individual” Eyes

Black } 120 VAC	Brown – N.C.	} Relay Contacts Before Beam is Broken
White } 50/60 Hz	Red – Common	
	Green – N.O.	

HOW TO SPECIFY

Model	Description
UEER1	Standard eye includes one UMB-1 eye mounting bracket, one CA-1 1/2” conduit adapter, one 98-S reflector, 6’ of cable and hardware.
UEER2	Same as UEER1 with addition of adjustable Automatic Disable Timer with ON/OFF switch.
UEER3	12-24VDC w/ NPN Output



“COMPLETE” DUAL EYE SYSTEMS

The “Complete” Prewired System from ElevatorEye™ is a dependable, ready-to-install system. It has a unique redundant operation...if one eye fails, the other continues to operate the door. We have designed the “Complete” Prewired System for easy installation; the eyes are easily field-replaceable via quick-disconnect connectors...no need to remove the mounting brackets. There are convenient ON/OFF switches built in for each eye. The system is so lightweight that it weighs less than one pound. There is also a polarized filter model available which eliminates problems caused by reflected light from shiny objects.

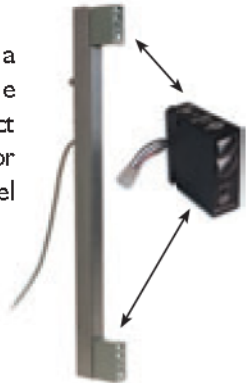
HOW TO SPECIFY

Model	Description
UEES-1A	Standard prewired system includes two ESB-1 assembly mounting brackets, two 98-S reflectors, two RB-2 reflector mounting brackets and 15’ of cable.
UEES-2A	Same as UEES-1A with addition of adjustable Automatic Disable Timer with ON/OFF switch for each eye.

- Ⓜ Dependable, ready-to-install systems with unique redundant operation. If one eye fails, the other continues to operate the door.
- Ⓜ Automatic Disable Timer model available.
- Ⓜ Eyes are easily field-replaceable via quick-disconnect connectors...no need to remove the mounting brackets.
- Ⓜ Convenient ON/OFF switches built in for each eye.
- Ⓜ Lightweight...system weighs less than one pound.
- Ⓜ Fused (1 A).
- Ⓜ Polarized filter model available. Eliminates problems caused by reflected light from shiny objects. Consult factory.

REPLACEMENT EYES

UEER-1M / UEER-2M
See page 6 for details.



SPECIFICATIONS - “COMPLETE” SYSTEM

Power Input: From 24 to 130 VAC or VDC
Power Consumption: 4 VA maximum
Temperature Range: 14° to 122°F/85% RH (-10° to 50°C)
Output Relay: (SPDT) 5 A @ 120 VAC or 24 VDC
Response Time: 10 milliseconds
Disable Timer: Adjustable from 10 to 45 seconds
Range: Up to 12’ (3.7 m) (depending on size & type of reflector or used)
Beam Spacing: 24’ center to center, to be mounted at 5” and 29” (ADA)

Connections – “Complete” Systems		
Black } 120 VAC	Red – Common	} Relay Contacts Before Beam is Broken
White } 50/60 Hz	Blue – N.O. Bottom Eye	
Green – Ground	Brown/Yellow – N.O. Top Eye	