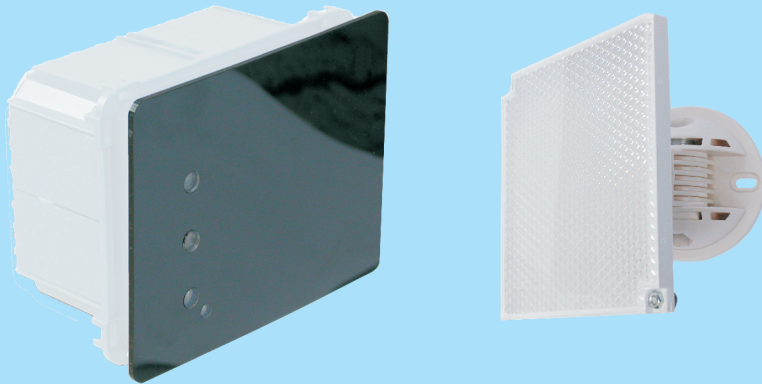




ECO

mod. ES25-I




Basic characteristics

- ✓ Minimum visual impact
- ✓ Rapid installation
- ✓ Transmitter -Receiver units flush mounted
- ✓ Reflector unit on directable support
- ✓ Power supply with direct current 12V or 24V without commutation
- ✓ Operating distance maximum up to 50m
- ✓ Recommended operating distance up to 25 m


Characteristics of the product


- ✓ EN 54/12 and VdS Standard
- ✓ CEE according to CPD
- ✓ EMC tested at 30 V/m
- ✓ RoHS compatible
- ✓ Minimal power absorption under all working conditions
- ✓ Interface incorporated to signal alarm or fault
- ✓ Maintenance request
- ✓ Can signal alarm after a fault
- ✓ Adjustable with cover closed
- ✓ Constant sensitivity according to environmental conditions
- ✓ Angular misalignment: 2 degrees max
- ✓ Response at 12 dB
- ✓ Fine calibration threshold adjustment
- ✓ Self-compensating threshold
- ✓ Flush mounted box with black front, diaphragms kit, articulated joint with reflector unit and manual in single and compact packaging

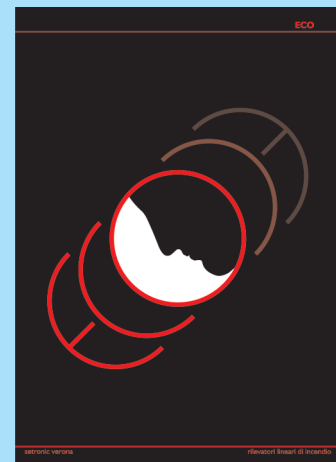
 is the flush mounted line detector reflection system specially designed to solve installation problems in civil buildings such as:

- prestigious historic building
- museums
- conference halls
- vaulted ceilings with frescoes
- art galleries
- castles and villasmusei

 combines the performance and guarantee of quality of new technology using microprocessors for fire detection, fully compliant with European standard EN54-12.

 is the new line detector that provides swift and reliable detection of fires in special environments, assuring maximum safety under all conditions.

 is already built to meet the demands of the future, meeting product standards as well as being environmentally friendly.



BASIC CHARACTERISTICS

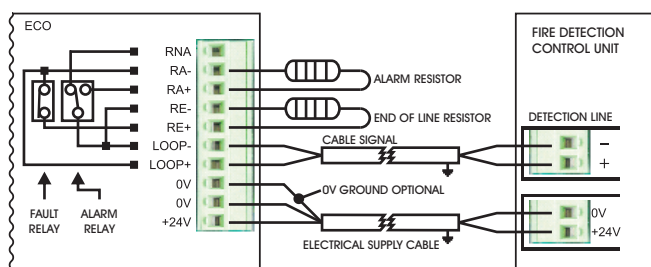
ES25-I

Electrical supply of 12V DC to 24V DC without commutation required.

Power supply tension	12V \pm 20 %		24V \pm 20 %	
Capacity adjusted by switch S1	TX LO mA	TX HI mA	TX LO mA	TX HI mA
In normal working	35	79	19	39
In alarm	62	95	32	52

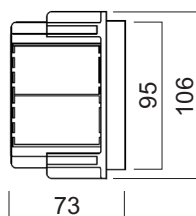
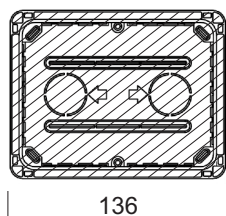
Contact capacity	Alarm relay 1A@30V;	Fault OptoRelay 170mA@30V
Maximum cable length @24V	1000m/ cross section 0,5mm ² ;	2000m/section 1mm ²
Maximum cable length @12V	500m/section 1mm ²	
Maximum cover	(375m ²) 15m x 25m at LO;	(750m ²) 15m x 50m at HI
Width of cover	15m (EN54/14)	
Temperature of working	-20°C ÷ +60°C	
Storage temperature	-25°C ÷ +70°C	
Minimum operating distance	2 m	
Maximum operating distance	50 m	
Recommended operating distance	25m	
Relative humidity	95%	
Protection rating	IP44	

WIRING DIAGRAM

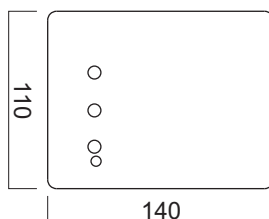


SIZE (mm)

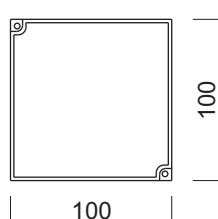
FLUSH MOUNTED BOX



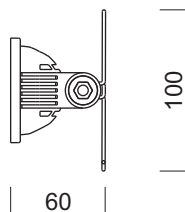
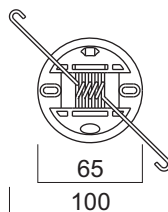
FRONT PANEL



REFLECTOR UNIT



ARTICULATED BRACKET FOR REFLECTOR UNIT



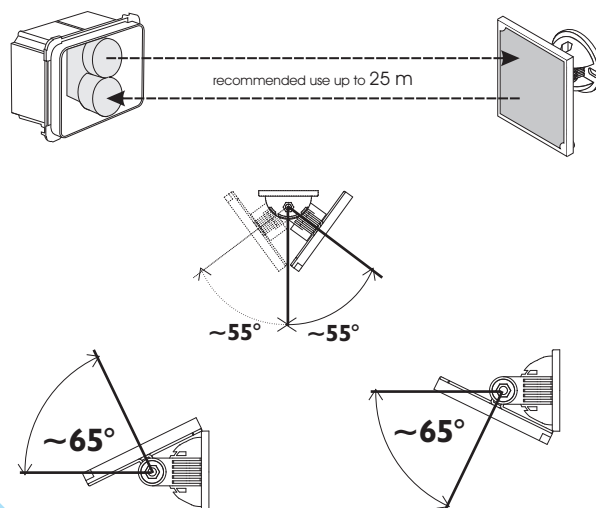
WEIGHT (g)

Flush mounted unit 260
Front panel 56
Reflector unit 60
Bracket for reflector unit 67

MATERIALS

Flush mounted box
Shockproof polystyrene RAL 5071
Black front cover Meth-acrylate
Articulated Bracket ABS

EXAMPLES OF USE



CERTIFICATIONS



N° G205128



0786-CPD-20214

EN54/12



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