



Smoke Detectors

UG-3 Series

Duct



The Uniguard smoke detector from Calectro has been developed to detect smoke in ventilation ducts and consists of an optical smoke detector, mounted in an adapter system where both tube and housing are specially designed for optimum airflow through the smoke detector.

Fan assisted variant also available, along with a range of options such as covers, various lengths of venturi pipes and control units.

Part number	Model number	Description
6553034000	UG-3-A4O	Duct Smoke Detector Optical - 24 Vac/dc
6553036000	UG-3-A5O	Duct Smoke Detector Optical - 230 Vac
6553028000	UG-3-O	Duct Smoke Detector Optical
6553038000	UG-3-O-F	Duct Smoke Detector Optical with Fan Pipe

Accessories for Duct Smoke Detectors

Part number	Model number	Description
6553039000	UG-COVER	Protective Cover
6553049000	UG-MB	Mounting Bracket
9814000388	VR-0.6M	Venturi Pipe - 0.6 m
6553065000	VR-1.5M	Venturi Pipe - 1.5 m
6553066000	VR-2.8M	Venturi Pipe - 2.8 m
9814000311	VRF-2.8M	Venturi Pipe - 2.8 m Integrated Fan

Technical documentation from www.Calectro.com

EVC/NS/ABAV Series

Living Space



The Calectro optical smoke detector can be used for both ventilation ducts and ceiling mount installations. The design of the detector makes it almost completely immune to high air speeds, dirt and radio frequency interference.

The detector is equipped with a bayonet mount, which makes it easy to fit and remove, either from the UB-6 ceiling terminal base or the Uniguard duct mounted housing of the UG-3 detector.

Part number	Model number	Description
6553014000	EVC-PY-DA	Optical Smoke Detector (including base UB-6)
6553041000	EVC-PY-DA/I	Optical Smoke Detector (detector head only)
6553048000	UB-6	Smoke Detector Terminal Base

Technical documentation from www.Calectro.com



Control Units for Smoke Detectors

These controllers are designed for DIN rail mounting. Relays operate on an active smoke alarm that can be used to stop ventilation fans and close fire dampers. Front LEDs provide local status including a service indication showing a need for sensor replacement.

Part number	Model number	Description
6553006000	ABAV-S3 24V	Control Unit 24 Vac/dc For use with EVC-PY-DA
6553007000	ABAV-S3 230V	Control Unit 230 Vac For use with EVC-PY-DA

Technical documentation from www.Calectro.com

PIR and CLA Series

Living Space



Occupancy Sensors

These motion sensors are primarily intended for use within ventilation and lighting control. By detecting activity in rooms, it is possible to control ventilation and lighting only when actually required, thus saving energy.

The PIR-TF-25-360 motion sensor has a lens which provides 360° coverage to ensure reliable motion detection.

The PIR-TFT-550-B provides a detection angle of 110° and can be installed on either ceiling or wall.

Part number	Model number	Description
6553055000	PIR-TF-25-360	Occupancy Sensor Ceiling 360°
6553070000	PIR-TFT-550-B	Occupancy Sensor Ceiling/Wall 110°

Technical documentation from www.Calectro.com



Leakage Detection

For the monitoring of electrically conductive fluid leakage, such as water. Typical application within computer centres, archives, lofts or floor/ceiling structures.

The control unit measures the resistance in the sensor tape (CLA-ST) which consists of two conductors woven into a textile strip. The resistance changes when water comes into contact with the textile strip and the CLA activates an alarm.

Part number	Model number	Description
6554001000	CLA-24/230V	Leakage Alarm Control Unit
6559501000	CLA-ST	Leakage Alarm Tape

Technical documentation from www.Calectro.com