



16 m volumetric Dual/AM motion sensor

DD477AM

The DD400AM Series is a powerfull range of commercial high risk Dual Technology detectors. Based on the successful DD 400 Series with added Anti-Masking protection. Even the most sophisticated masking attempts made to disable the detector, using a wide range of materials, are automatically reported to the control panel. The DD400AM is the automatic choice for high risk dual technology applications.

Specifications

Detection range	16 m
Undercrawl protection	Yes
Detection range selection	16 m or 10 m
Coverage field of view	86° with 9 curtains
Coverage pattern selection	Blinders and curtain labels
Mounting height	1.8 to 3.0 m
Power supply	9 to 15 VDC
Current consumption (nom.)	13 mA
Alarm relay (voltage free)	NC when energised
Tamper relay (voltage free)	NC when cover closed
AM relay (voltage free)	NC when no AM
Relay configuration	Isolated or 4k7 EOL
Remote control lines	Walk test & Day-Night
Alarm memory	Yes
Microwave frequency (nom.)	2410 MHz
PIR only mode	When disarmed
Dimensions (W x H x D)	78 x 140 x 68 mm
Ambient conditions	-10 to +55°C; 95% relative humidity
Pry-off tamper	Yes
EN50131-2-2	Grade 3

Ordering Information

DD477AM	16 m volumetric Dual/AM motion sensor
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SB01	Swivel bracket wall/ceiling mount



- PIR verified by microwave module
- Anti Masking for all masking attempts
- "Step & Gliding Focus Multi Curtain" mirror optic
- Plug-in electronics
- Sealed optics
- ASIC with "4D" processing
- Distance of Motion microwave signal processing
- Microwave switched off when the system is disarmed (PIR only)
- Selectable range with full undercrawl detection
- Selectable AM reporting and resetting
- No adjustment required for different mounting heights
- Tolerates wall angle deviation
- Pry-off and cover tamper
- Complies with EN50131-2-2
- Several European approvals

