

Automatic Smoke Alarm ARM-1/AMM-2

ARM-1



AMM-2



Application

The automatic smoke alarm **ARM-1** is an optical smoke detector in limit value technology for early fire detection and reporting, with optical measuring method according to DIN EN 54-7.

With a professional smoke measurement system, it offers maximum safety for reliable alarm verification via intelligent logic. False alarms are avoided by the intelligent analysis and suppression mode for interference. A sensor test is performed periodically.

The smoke remains after tripping latched. The reset is performed by briefly switch off the supply voltage. The detector circuit is monitored for short-circuit, wire break and missing alarm insert.

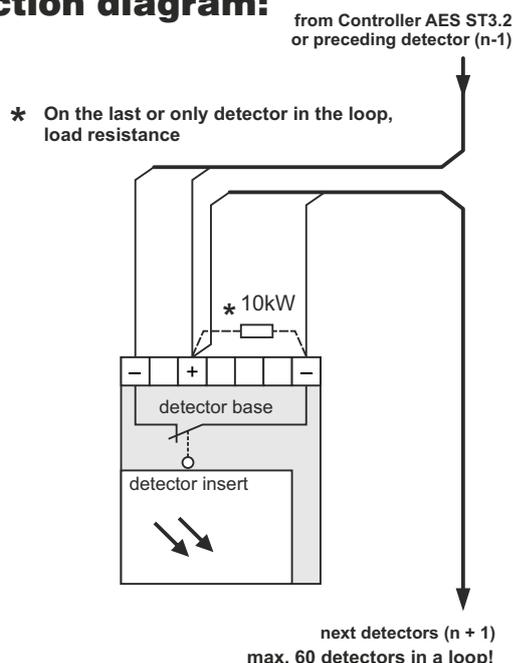
The multisensor detector **AMM-2** is an optical / thermal detectors in conventional technology. Opposite the ARM-1, it has, in addition to the optical smoke detection also a thermal sensor for temperature detection.

It can be interconnected to 20 automatic detectors for use on the control unit AES ST3.2.

Technical data:

ARM-1/AMM-2		
Mains voltage	V DC	9 - 33
Quiescent current - detector	μ A	ca. 30
Alarm current - detector	mA	20
Quiescent current - loop line termination resistor	mA	2
	kOhm	10
Terminals	mm ²	1
Signal conductor	type	solid, 2x2x0,8mm
Signaling to detector		red LED for alarm
Atmospheric moisture	%RH	max. 95
Ambient temperature	$^{\circ}$ C	-10 to +60
Monitoring area	m ²	max. 60 by Vds
Protection class	IP	40
Dimensions of case	mm	100 x 44 (ØxH)
Permission	Vds	G 203036
Marking		CE
AMM-2		
Responsiveness	$^{\circ}$ C	60
	dB/m	<0,15

Connection diagram:



Intervals for replacement of the detector

Intervals	years	5
application standard		DIN 14675 - point c

Order-Code

Type:	Article:
ARM-1	Automatic optical smoke alarm
AMM-2	Automatic multi-sensor alarm