OA-T Interactive static and rate of rise heat detector

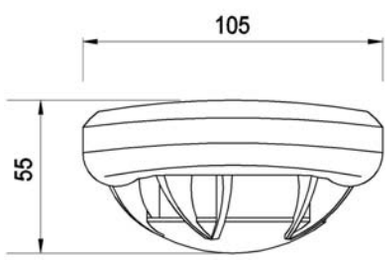
ANALOGIC

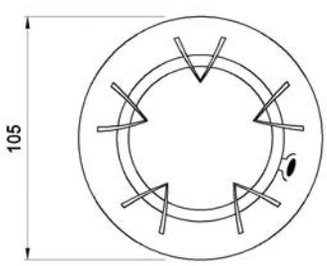
OA-T is a static and rate of rice punctual combined analogic heat detector with electronic addressing, certified in respect of European product standard EN 54-5, EN 54-17 and EN 54-18.. It is endowed with agreement CE mark according to ZA directive enclosure "The Construction Products" 89/106/CEE.

OA-T detector is compliant to European directive 2002/95/CE, concerning the use of dangerous substances inside electrical products, in particular about the use of lead.

OA-T heat detector makes an environmental temperature analysis, based on the resistance variation of a temperature sensible device (NTC).

The innovative detection mechanism of the Orion series detectors, combined with the new DEF panels, assures an effective detection and reliable false alarms control. These functions, managed by the panel, give the possibility to set-up different sensitivity levels for each detector and for each technology contained (in the case of multi-technologies detector).





Class	Static Tempera	Rate of rise function Temperature rate of rise ΔT					
	TA (°C)	tA	+ 3°C/min	+ 5°C/min	+ 10°C/min	+ 20°C/min	+ 30°C/min
A1R	62°C +5 -3	Mim	7' 13"	4' 9"	1' 0"	30"	20"
		Max	9' 0"	5' 0"	2' 0"	1' 0"	1' 0"
A2R	68°C +5 -3	Mim	9' 0"	5' 0"	2' 0"	1' 0"	40"
		Max	13' 0"	8' 0"	3' 0"	2' 0"	1' 30"
BR	75°C +5 -3	Mim	9' 0"	5' 0"	2' 0"	1' 0"	40"
		Max	13' 0"	8' 0"	3' 0"	2' 0"	1' 30"
A1S	62°C +5 -3	n.a.					
A2S	68°C +5 -3	n.a.					
BS	75°C +5 -3	n.a.					

The alarm threshold can be set-up from the control panel and have 6 different intervention levels, corresponding to A1S, A1S, BS, A1R, A2R and BR classes (see EN 54-5), 3 of which refer to static part and 3 to both static and rate of rise parts.

In case of short-circuit of detection line, the combined action of panel and detector, allows to rapidly isolating the interested line; no detectors are lost. The feature, obviously, is possible only on a loop.

The electronic addressing of detector can be made on site or in office using a dedicated tool.

The addressing operation, combined with some automatic procedures, allows verifying the installation and wiring of detector saving time.

The isolator inside the **OA-T** detector increases the reliability of the installation in any circumstance (line opening, short circuit, etc.)

TECHNICAL CHARACTERISTICS

Power Supply:	15 ÷ 30 Vdc
Standby Consumption:	150 µA w/ closed isolator
	500 µA w/ open isolator
Alarm Consumption:	4 mA
Sensitivity:	6 thresholds available
Cable:	2x0.8 mm STP
Dimensions (ØxH):	105 x 55 mm
Application Temp.:	
Heat class A1R, A2R, A1S, A2S	-30 °C ÷ +50 °C
BR e BS	-30 °C ÷ +65 °C
IP Protection:	IP32
Material:	ABS
Colour:	White RAL 9016
Weight:	130 g
Standard:	EN 54-5, EN 54-17 and EN 54-18
	A1R, A1S, A2R, A2S, BR, BS
CE certificate:	0333 CPD 075 109

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