TRC05/TSC05 & TRC05.12V/TSC0512.V

Conventional heat detectors & 12V version

- ***STANDARD EN54-5 Ed2000 / Full CE marking according to CPD.***
- ***Number of certification: 0333 CPD 075 014 for TRC05 & 0333 CPD 075 015 for TSC05.***

Both Temperature heat detectors analyze the ambient temperature by the means of thermistor type CTN.
TSC05 *(**static heat detector**) is either classified **A1S** or **BS** according to EN54-5 standard:*

- ***TSC05-A1S: static T°=62°C±3°C.***
- ***TSC05-BS: static T°=75°C±5°C.***

TRC05 ***(static + rate of rise detector)*** *is especially adapted for average ambient temperature conditions under +10°C. TRC05 is classified **A1R** according to EN54-5 standard:*

- ***Static T°=62°C±3°C.***
- ***ΔT°>9°C/min***

*Both types include a developed technology **(microprocessors, smd components)** which means precision and high reliability. A specific head detection fixed **by a single ceiling base**.*
12V version of TRC05 & TSC05** detectors is also available for **security type systems



Main characteristics

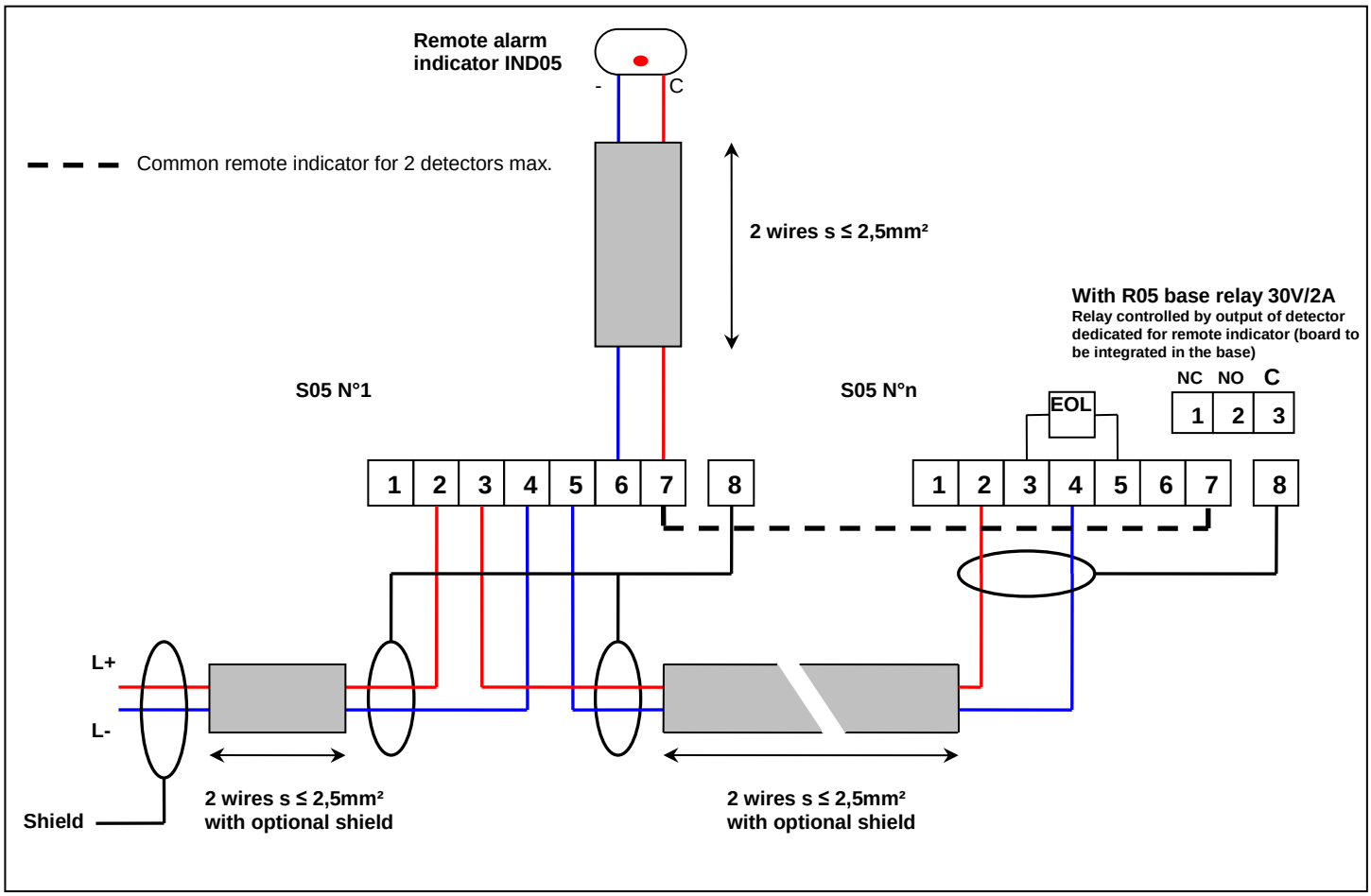
- Static / Elevation of T°
- Lockable
- Standard EN54-5
- 1 remote alarm indicator output
- Cable section max 2,5mm²

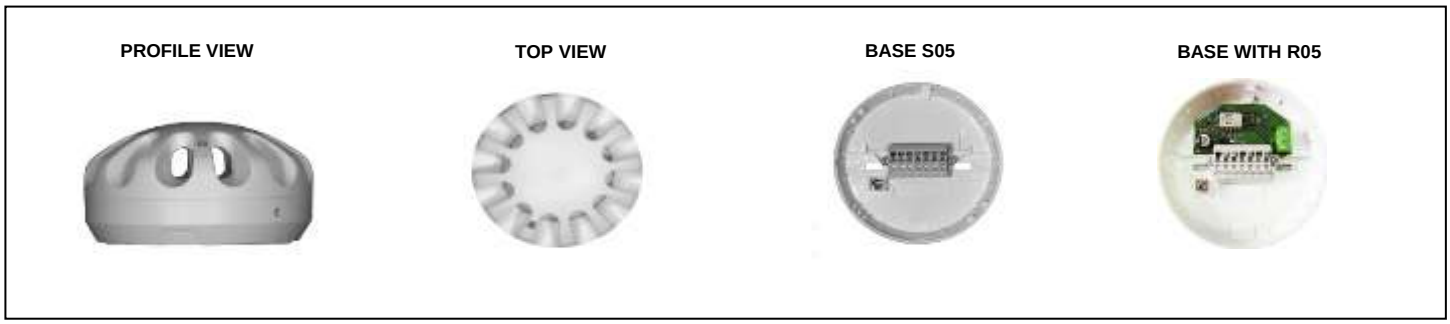
Power supply specification	
Main supply voltage	13Vdc to 27 Vdc
Nominal main supply voltage	20 Vdc
Quiescent current (20 Vdc)	20 – 30µA
Alarm current (20 Vdc)	32mA
Fault current (24 Vdc)	140µA
Mechanical characteristics	
Unit weight	130g
Unit dimensions (in mm)	H:55 D:104
Unit row material	ABS
Unit colour	White
IP rating	IP32
Mounting mode	Base
Fixing	- distance between centres: 50mm to 60mm - under ceiling: 2 screws Ø 4
Climatic characteristics	
Operating temperature	-10°C to +50°C
Storage temperature	+10°C to +50°C
Operating relative humidity	≤ 93%
Storage relative humidity	≤ 85%

TRC05/TSC05 & TRC05.12V/TSC0512.V

Conventional heat detectors & 12V version

CONNECTION





REFERENCE	***DESCRIPTION***
TSC05-A1S	Conventional static heat detector, T°=62°C
TSC05-A1S.12	Conventional static heat detector, T°=62°C, for 12V security type systems
TSC05-BS	Conventional static heat detector, T°=75°C
TSC05-BS.12	Conventional static heat detector, T°=75°C, for 12V security type systems
TRC05	Conventional static + rate of rise heat detector, T°=62°C, +9°C/min
TRC05.12	Conventional static + rate of rise heat detector, T°=62°C, +9°C/min, for 12V security type systems
S05	Base for conventional 05 range
ACCESSORIES	
IND05	Remote alarm indicator for conventional 05 range
R05	Base relay
CS05	Protection plate for base S05
GAV	Protection grid

Non contractual document

Security Detection Direct Distribution
41 rue du saule trapu, ZA du moulin de Massy
91300 MASSY (France)
Tel : +33 (0)1 60 13 67 24
Fax : +33 (0)1 60 13 67 26
e-mail : sd3@sd3.net