

IS Heat Detector HC100 A2-IS Part no. 038010

System: All Salwico Fire Alarm Systems

Description

The HC100 A2-IS is an intrinsically safe conventional heat detector for use with all Salwico Fire Alarm Systems.

The detector is designed for use in areas with high explosion risk. It is connected via an intrinsically safe interface.

The heat sensing element is of thermistor type with a short response time to changes in the ambient temperature. Alarms are optically indicated until they are reset on the central.

Data

Eunction	Conventional
Working voltage	12–28 V DC
Alarm temperature	57 °C
Classification	A2, EN54-5:2017
Cert. TÜV	14ATEX 138197 X IECEx TUN 14.008 X
Working current	< 25 µA
Alarm current	Max 54 mA
ngress protection	IP55
Ambient humidity	95% RH at 55 °C
Temperature range	-10 °C to +70 °C
Material	PC/ABS
Colour	White
Weight	95 g ± 5%
Certified according to	O 2531/yyyy
	yyyy = year of production
Certified according to	
	2531-11 0470

The expected life time of the product is affected by the environment it is mounted in.

Only suitable base is IS SPB Base, part no 5201044-00A

For installation issues, refer to System Connection data (S-4-011 851 System Connection)

Safety data

Max input voltage (U _i)	25.2 V DC
Max input current (I _i)	93 mA
Max input power (P _i)	585 mW
Max internal capacitance (C _i)	2.67 nF
Max internal inductance (L _i)	Negligible
EX-class	II 1G Ex ia IIC T5 Ga -10 °C ≤ T _a ≤ +70 °C

WARNING!

- Potential electrostatic charging hazard
- Do NOT clean with solvents.
- Do NOT charge by rubbing.
- Clean ONLY with a damp cloth.

CPR-232.1711 DOP no. 6301902



Dimensions (mm)



G007429

Connection



HAZARDOUS AREA



G007430



G014925

The specifications described herein are subject to change without notice.

Data sheet no. 038010_HC100 A2-IS_I0_EN_2022_L