XP95 Heat Detector (A2S)

Part No.	55000-400APO
Manufacturer	Apollo

Image not provided

Summary

The XP95 Heat Detector (A2S) monitors temperature by using a single thermistor which provides a count output proportional to the external air temperature, reporting an alarm at 55°C. Reliable fire detection in areas with a wide temperature range from -20°C to +70°C Ideal for environments that are dirty or smoky under normal circumstances Unaffected by wind and atmospheric pressure

Specifications

Manufacturer approvals / certifications	CPR	Manufacturer approvals / certifications	KRS	Manufacturer approvals / certifications	LPCB
Alarm level analogue value	55	Analogue value	25 +2/-2	Battery powered	No
Heat classification	A2S	Humidity	0% to 95% (no condensation or icing)	Humidity (max)	95%, RH
Humidity (min)	0%, RH	Humidity Note	no condensation or icing	IP rating Value	IP53
Maximum power-up time	4 seconds	Operating temperature (max)	70°C	Operating temperature (max)	158°F
Operating temperature (min)	-20°C	Operating temperature (min)	-4°F	Polarity	L1 &, L2 are polarity insensitive
Power-up surge current	1mA	Protocol voltage	5 to 9V peak to peak	Protocol voltage (max)	9V
Protocol voltage (min)	5V	Quiescent current tested at	24V dc	Status indicator – Alarm	Red
Status indicator – Fault	Off	Storage temperature	-30 to 80°C	Storage temperature (max)	80°C
Storage temperature (min)	-30°C	Supply voltage (Vmin-Vmax)	17 to 28V dc	Supply voltage (max)	28V dc
Supply voltage (min)	17V dc	Terminal functions +R	+R, Remote indicator positive connection	Terminal functions -R	-R, Remote indicator negative connection
Terminal functions L1 in	-L1 in Loop in & out, double terminal	Terminal functions L2	+L2 Loop in & out positive, double terminal	analogue value negative tolerance	2
analogue value nominal	25	analogue value positive tolerance	2	applications	Car parks/loading bays, Dusty environments, Warehouses, Hotels, Medium to large buildings, Offices, Restaurants, Retail, Cafes, Small to medium buildings, University campuses
colour	White	fire type	Fast burning, flaming fires	materials housing	Polycarbonate
materials terminals	Nickel plated stainless steel	operating temperature	-20 to 70°C	operating temperature	-4 to 158°F
quiescent current	250µA	standards	EN 54-5	warranty	10 year
Dimensions — diameter	100mm	Dimensions — diameter	3.94in	Dimensions — length	42mm
Dimensions — length	1.65in	Weight —	105g		