

Non-Resettable Line type Heat Detection Data Sheet

Patol Part No. 700-090LS0H / 700-091LS0H

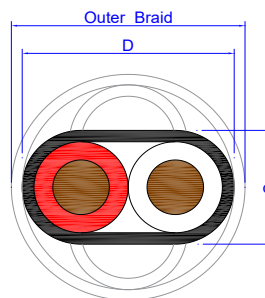
1.0	Manufacturer	:	Patol Ltd, U.K.
2.0	Type	:	Non-Resettable Line Type Heat Detection
3.0	Approval	:	EN54-28:2016
3.1	Performance Group	:	T093-V10-A70
3.2	Environmental Group	:	III
4.0	Voltage Rating	:	150Vdc (Dielectric Test 500Vdc)
5.0	Temperature		
5.1	Maximum Ambient Temperature	:	70 Degrees Centigrade
5.2	Nominal Alarm Temperature	:	93 Degrees Centigrade
5.3	% Variance Alarm Temperature	:	±10%
6.0	Number of Cores	:	2 (Two)
7.0	Maximum Conductor Resistance per km at 20°C	:	100 Ohms per km
8.0	Material		
8.1	Conductor	:	Tinned copper coated steel
8.2	Insulation	:	Thermoplastic (Natural and Red)
8.3	Sheath (Low Smoke Zero Halogen)	:	FRPE Flame Retardant Polyethylene (Black)
8.4	Outer Braid	:	S.S. AISI 304 grade - (Part No. 700-091LS0H Only)
9.0	Conductor Diameter	:	0.9mm
10.0	Insulation Material Thickness	:	0.35mm
11.0	Minimum Bend Radius	:	50mm
12.0	Approximate Detection Time (Small flame)	:	Approximately 5 seconds
13.0	Life Expectancy / Service Life	:	20 years plus

Twisted pair dimensions:

D = 4.0mm ±0.3

d = 3.0mm ±0.3

Outer Braid = 4.6 nom.



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