



# EXTINGUISHING BULB (E-BULB)



## THE SOLUTION

For Protecting Life And Property, In Worldwide Spray Industry, There Are Used With Total Success Temperature Activated Thermo Bulbs. Thermo Bulb Breaks At Predefined Temperature nozzle Opens And Discharges The Agent At Fire For Effective Suppression. Thermo Bulb E-bulb Is The Next Step In Product Development Which Uses The Trusted Sprinkler Technology.

## FUNCTION

E - Bulb Is Filled With 3m™ Novec™ Engineered Fluid. This Non-toxic, Non-conductive Extinguishing Liquid Is Released Into The Device When The Defined Temperature Is Reached And The Thermo- Bulb Bursts. After Being Initiated, The E-bulb Extinguishes The Fire, And Interrupts The Electric Current. Transition-free, The Liquid Immediately Converts Into Gas. As A Result Of Cooling And (Partly) By Oxygen Reduction, A Fire On A Pcb Will Be Extinguished Within Seconds. And, Because The Current Flow Over The E-Bulb Is Interrupted, The Electric Fire Cannot Re-ignite!

## APPROVALS AND REFERENCES

- Effectiveness Verification by MPA Institute Dresden
- Effectiveness Verified by UL
- VDE Information Testing Successfully Accomplished
- UL Listed



## SPECIFICATIONS

		Dimensions (standard)		
		Ø 5 x 20 mm	Ø 5 x 40 mm	Ø 7 x 40 mm
<b>Sensitivity</b> [s] <sup>1</sup>		48	48	48
<b>Gas volume V</b> [ml]		16,6	42,0	88,5
<b>Protected Volume</b> V <sub>4%</sub> [ml] <sup>2</sup>		416	1,049	2,212
<b>Protected Volume</b> V <sub>4%</sub> [oz] <sup>2</sup>		14	35 ½	75

E-Bulb is available in a variety of electrical specifications

<b>Currents:</b>	<b>Class 1:</b> <1A	<b>Class 2:</b> <5A	<b>Class 3:</b> <10A	<b>Class 4:</b> <16A
<b>Voltages:</b>	0..250V AC / DC			

