



Maxon – A Honeywell Company
 201 E. 18th St.
 Muncie, IN 47302



Certificate of Compliance to IEC 61508

FM Approvals
 Certifies herewith that the

IRIS Models 702/802, 706/806 Flame Scanners Viewing Heads
 (Safety Manual [66-2069])

Complies with the relevant requirements of standards listed below:

Standards	Description	Compliance
IEC 61508-1 1997	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- General Requirements	Part 1
IEC 61508-2 2000	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems	Part 2
IEC 61508-3-2000	Functional Safety of Electronic/Electrical/Programmable Electronic Safety-Related Systems- Software Requirements	Part 3

And therefore

**IS DECLARED "FIT FOR USE" IN A
 1oo1 Low Demand SAFETY APPLICATION**

Models	SIL	HFT	SFF	PFD	λ_s	λ_{DD}	λ_{DU}
702/802	3	0	>99%	1.81E-10	1.70E-7	2.27E-11	0
706/806	3	0	>99%	1.51E-5	1.02E-5	2.27E-11	6.90E-10

*This certificate is subject to conditions of use presented in FM Approval Report
 Project ID # 0003050024*

J. E. Marquedant
 J. E. Marquedant

Manager, Electrical Systems
 FM Approvals, Member of the FM Global Group
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19 August 2014
 Approval Granted

3050024-702/706 Viewing Heads