



A P E M

DECLARATION OF CONFORMITY

SUBJECT : RoHS (restriction of Hazardous substances) directive

The new directive 2002/95/EC of the European parliament and of the council of 27 January 2003 about the restriction of the use of certain hazardous substances in electrical and electronic equipment is applicable to our products : switches and keyboards and will apply before year 2006.

APEM is working on this subject in order to manufacture RoHS compliant components :

hazardous substances	Maximum substance limits % by weight (1)	Existing % in the APEM products		remarks
		standard products	special options using tin plated terminals or tin solder (SnPb 63/37) or cadmium contacts	
Mercury	0.1 % by weight	0	0	
Cadmium	0.01 % by weight	0	< 0.01 % by weight for 600S and 2600S Series only (AgCdO contacts)	contacts manufacturer will stop supplying Silver cadmium oxide contact and will replace it by silver tin oxide contacts (with reduced electrical performances)
Hexavalent Chrome : Cr+6	0.1 % by weight	0	0	
Flame retardant PBB and PBDE in plastic materials	0.1 % by weight	0	0	
Lead	0.1 % by weight	0	Components are designed to have a lead concentration < 0.1 % by weight	

(1) EU has not yet defined maximum substance limits for RoHS substances. We consider that a product is defined as RoHS-free if the above hazardous substances content in the component (2) do not exceed the above concentration levels.

(2) A component is defined here as any mechanical part or any electrical device that cannot be disassembled further without destroying its function

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Caussade. January 23, 2004

(Place, date)


Daniel Sire
Quality and environmental manager

(Representative signature)