

WEEE/RoHS/REACH Assessment – Product Evaluation Record

General information			
Business:	System Sensor Trieste		Prepared by:
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		Date:	05/19/2010
Product Range	M210E-CZR M210E-CZRJ TC841E1019EIS M710-CZR MI-DCZRM EM210E-CZR		
Product description	- CONVENTIONAL ZONE MODULE 200 SERIES RESISTIVE EOL		
Variations	-		
Product Life Span	Life span expectancy of >20 years (assuming that environmental conditions have been taken into consideration and the modules are regularly maintained)		



Material Content

Name Of Part	Material	RoHS	Hazardous	Recycling Instruction (WEEE is out of scope)
Cover	ABS	Yes	Non-hazardous	Recycled by regrinding into granules and blending with
Light pipe	Polystirene	Yes	Non-hazardous	Re-used or recycled
Knobs	POM, Tinned stainless steel		Non-hazardous	Re-used or recycled
Terminal block	PA6.6-FR, Tinned Brass	Yes	Non-hazardous	Re-used or recycled
Printed Circuit Board	FR4 (Epoxy,Glass) SAC305 (Copper Coating, Solder)	Yes	Non-hazardous	Recycled or landfilled
Printed Circuit Board Components	Metals, Plastics, Ceramics, Tin Stainless Steel, Tin Brass	Yes	Non-hazardous	Recycled or landfilled

Energy Consumption

Max. Avg. Standby Power: 12mW (500 µA at 24 V) at 25°C one communication every 5 sec. With LED blink enabled, with external supply for conventional zone.
Max. Avg. Standby Power: 161mW (6,7 mA at 24 V) at 25°C one communication every 5 sec. With LED blink enabled, loop powered conventional zone.
Max. Alarm Power (LED on): 1,44 W (60mA at 24VDC)

Environmental Permit

System Sensor Trieste Facility (address as above) approved to ISO 14001. These products do not require an environmental permit.

Packaging

Primary packaging	Clamp pack
Secondary packaging	Masterbox (10 clamp pack per M.box) and Shippingbox (10 M.box per S.box): cardboard, PET
Transportation packaging	Pallet (wooden platform), wrapping (polyethylene 04)

Additional Information

The purpose of this report is to provide information on the environmental aspects of the product, emphasis being on the material content and the energy consumption. Since there are not any emissions of harmful substances during the use of this product or in the manufacturing process of it, it is not necessary to specify these factors in this report. Also the transportation emissions are not included.
