Environmental Product Declaration - Type II

REGIN

Name of Product(s) / Product Art.no

RUX-T-D
RUX-TC-D
RUX-TH-D
RUX-THCVP-D
RUX-TC-D-BLACK
RUX-THCVP-D-BLACK

COMPANY INFORMATION

Description

Regin is the collected trademark for products and systems in building automation. The company's knowledge is based on many years of wide experience in control, automation and flow control.

AB Regin has a certified quality assurance system according to ISO 9001.

Company: AB Regin
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Website: https://www.regincontrols.com

Environmental policy

Regin develops products both on a commissioned basis and for general market distribution. Environmental considerations are integrated into product development processes and supplier and component selection.

REGIN

PRODUCT INFORMATION

General

The recommended field of application is stated in the technical documentation.

There is an unambiguous and lasting label (manufacturer, product name, serial number etc) on the product.

The labelling is linked to the technical documentation which makes the product clearly identifiable.

Country of origin: Sweden

USAGE

Normal operation

The product does not have any environmental impact on the surrounding environment during normal operation.

Please visit our website for products technical documents, installation or user manuals.

Waste management

The product is prepared for environmental-friendly dismantling and sorts according to the WEEE-directive. The long lifespan of the product means that the recycling situation may differ from when the product is acquired and to be recycled.

The product is required, by law, to be handled according to standard waste management procedures. The materials can easily be separated to a high separation degree.

Dismantling of the product: separate the plastic, metals and electronic parts and recycle at appropriate facility and according to local laws.

Packaging

Cardboard: 100 g ... 500g

Disposal: Recyclable, disposes according to local law.

Component modules & materials
Subcomponents in different models

Components	CAS nr	RUX-T-D		RUX-TC-D		RUX-TH-D		RUX-THCVP-D	
		Weight (g)	Weight (%)	Weight (g)	Weight (%)	Weight (g)	Weight (%)	Weight (g)	Weight (%)
Housing		**46,43**	**58,17%**	**46,43**	**56,77%**	**46,43**	**58,17%**	**46,43**	**53,94%**
Polycarbonate (PC)	24936-68-3	46,43	58,17%	46,43	56,77%	46,43	58,17%	46,43	53,94%
Electronics		**33,38**	**41,83%**	**35,35**	**43,23%**	**33,38**	**41,83%**	**39,64**	**46,06%**
Connectors		0,96	1,21%	1,59	1,95%	0,96	1,21%	1,89	2,19%
LEDs		0,13	0,16%	0,13	0,16%	0,13	0,16%	0,13	0,15%
Passive Components		5,42	6,79%	5,45	6,67%	5,42	6,79%	5,47	6,36%
Power and Circuit Protection		0,11	0,14%	0,11	0,14%	0,11	0,14%	0,11	0,13%
Printed Circuit Board		25,00	31,32%	25,71	31,44%	25,00	31,32%	26,21	30,45%
RF, Microwave and Wireless Connectivity		0,27	0,34%	0,27	0,33%	0,27	0,34%	0,27	0,32%
Semiconductors		1,48	1,85%	1,48	1,81%	1,48	1,85%	1,48	1,72%
Sensors		0,01	0,01%	0,61	0,74%	0,01	0,01%	4,08	4,74%
Total weight		**79,81**		**81,78**		**79,81**		**86,07**	

Component modules & materials

Subcomponents in different models

Components	CAS nr	RUX-TC-D-BLACK		RUX-THCVP-D-BLACK	
		Weight (g)	Weight (%)	Weight (g)	Weight (%)
Housing		**44,00**	**55,45%**	**44,00**	**52,61%**
Polycarbonate (PC)	24936-68-3	14,30	18,02%	14,30	17,10%
Methylmeth-acrylate Acrylonitrile Butadiene Styrene (MABS)	9010-94-0	29,70	37,43%	29,70	35,51%
Electronics		**35,35**	**44,55%**	**39,64**	**47,39%**
Connectors		1,59	2,01%	1,89	2,26%
LEDs		0,13	0,17%	0,13	0,16%
Passive Components		5,45	6,87%	5,47	6,54%
Power and Circuit Protection		0,11	0,14%	0,11	0,13%
Printed Circuit Board		25,71	32,40%	26,21	31,34%
RF, Microwave and Wireless Connectivity		0,27	0,34%	0,27	0,33%
Semiconductors		1,48	1,86%	1,48	1,77%
Sensors		0,61	0,77%	4,08	4,88%
Total weight		**79,35**		**83,64**	