



## *Environmental Product Declaration*

<b>Product</b>	Type of equipment	<b>QMX3.P30, QMX3.P70, QMX3.P02 QMX3.P34, QMX3.P74, QMX3.P37</b>	
	Designation	<b>Wall-mounted sensors and room operator units for KNX PL-Link, KNX S-mode and KNX LTE-Mode</b>	
	Product line	<b>Desigo TRA</b>	
<b>Process control</b>	Beijing Siemens Cerberus Electronics Ltd. No.1 FengZhiDongLu, XiBeiWang,HaiDian District 100094, Beijing / China		
	Management system certified	since	by
	ISO 14001 (Environment)	<b>2005-05-01</b>	<b>SGS</b>
	ISO 9001 (Quality)	<b>2012-06-01</b>	<b>LPCB</b>
	OHSAS 18001 (OH&S)	<b>2011-12-01</b>	<b>SGS</b>
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens Standard SN 36350 "Environmentally compatible products".		
<b>Product use</b>	Typical energy consumption	<b>1 kWh/a</b>	Test current consumption at DC24V
	Maintenance	<b>Not required</b>	
<b>Risk of fire</b>	Fire protection according to	<b>EN60730</b>	
	Fire load	<b>3...4 MJ</b>	
<b>Packaging</b>	20-PAP Corrugated board	Folded box	<b>43 g</b>
	20-PAP Corrugated board	Insert	<b>21 g</b>
	Notes on disposal	One-way, recyclable	

		QMX3	P30	P70	P02	P34	P74	P37
<b>Materials</b>	<b>Total weight of devices *)</b>	<b>104 g</b>	<b>117 g</b>	<b>111 g</b>	<b>142 g</b>	<b>152 g</b>	<b>144 g</b>	
Plastics	PC Lens	20 g	20 g	20 g	20 g	20 g	20 g	20 g
	PC, lacquered Inner frame	18 g	18 g	18 g	18 g	18 g	18 g	18 g
	PC, lacquered Rear housing	33 g	33 g	33 g	33 g	33 g	33 g	33 g
	PC Mounting plate	21 g	21 g	21 g	21 g	21 g	21 g	21 g
Metals	Steel Zn plated Screw	2 g	2 g	2 g	2 g	2 g	2 g	2 g
PCB assembled	FR4; TBBA; solder SnAgCu Main PCB	11 g	23 g	13 g	37 g	37 g	37 g	
	FR4; TBBA; solder SnAgCu Sub PCB					10 g	19 g	10 g
	FR4; TBBA; solder SnAgCu Touch PCB			4 g				4 g

\* The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

## Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

## Comments

### Materials:

#### EU Directive 2011/65/EU (RoHS)

The devices are free from substances banned by the EU Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:

- Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
- Cd: <0.01% by weight in homogeneous materials

#### Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

Status according to the creation date of this document.

The devices are halogen-free except the PCBs (TBBA)

### Environmental Benefits:

The devices are part of a building automation and control system ensuring precise control of HVAC functions, light, and blinds (Total Room Automation).

#### Legal disclaimer: This declaration is for information purposes only

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Beijing Siemens Cerberus Electronics Ltd. therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.