

# **AIRZONE Aidoo KNX Controller Instruction Manual**

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Controller

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**AIRZONE Aidoo KNX Controller** 



### **Product Information: Aidoo KNX Controller**

The Aidoo KNX Controller is a device that manages and integrates HVAC units in KNX TP-1 control systems. It is externally powered by the indoor unit and has a standard KNX connector for connecting to the KNX bus. The device features indoor unit wires, digital inputs, common input, KNX connection, indoor unit port, device reboot, and enable KNX programming.

# **Product Usage Instructions**

#### Follow these instructions to use the Aidoo KNX Controller:

- 1. Mount the device using screws or double-sided adhesive tape.
- 2. Follow the instructions on the technical data sheet for connecting the device to the AC unit.
- 3. Connect the Aidoo to the KNX TP-1 bus, following the color code.
- 4. Configure and set up the device through ETS tool using the product database downloaded from http://doc.airzone.es/producto/Gama AZ6/Airzone/Aidoo/BBDD AZAI6KNX.zip
- 5. Use the default communication objects available in ETS for the Aidoo KNX device to control the AC unit's on/off switch, operating mode, ventilation speed, and position of the slats.
- 6. For your security and to protect the devices, strictly follow the directions outlined in the manual and the environmental policy for the Airzone System and communications.

### **Warnings and Environmental Policy**

### Precautions

# For your security and to protect the devices, follow these instructions:

- Strictly follow the directions outlined in the manual.
- Follow the instructions on the technical data sheet for connecting the device to the AC unit.
- Connect the Aidoo to the KNX TP-1 bus, following the color code.

### **Environmental Policy**

General requirements: Strictly follow the directions outlined in this manual for the Airzone System and communications. Do not dispose of this equipment in the household waste. Electrical and electronic equipment contain substances that may damage the environment if they are not handled appropriately. The symbol of a crossed-out waste bin indicates that electrical equipment should be collected separately from other urban waste. For correct environmental management, it must be taken to the collection centers provided for this purpose, at the end of its useful life. The equipment's components may be recycled. Act in accordance with current regulations on environmental protection. If you replace it with other equipment, you must return it to the distributor or take it to a specialized collection center. Those breaking the law or by-laws will be subject to such fines and measures as are laid down in environmental protection legislation.

# **General requirements**

### Strictly follow the directions outlined in this manual:

- This system must be installed by a qualified technician.
- Verify that the units to be controlled have been installed according to the manufacturer's requirements and operate correctly before installing the Airzone System.
- Locate and connect all the devices of the installation in accordance with the electronic regulations in force.
- Verify that the air conditioning installation to be controlled is in accordance with the regulations in force.
- · Perform all the connections with total absence of power supply.
- Do not place the system bus close to lines of force, fluorescent lights, LED lamps, motors, etc. It might cause interference on the communications.



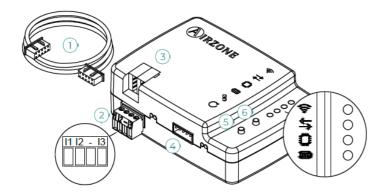
• Respect the connection polarity of each device. A wrong connection may seriously damage the product.

# Introduction

Device to manage and integrate HVAC units in KNX TP-1 control systems.

## Externally powered by the indoor unit. Features:

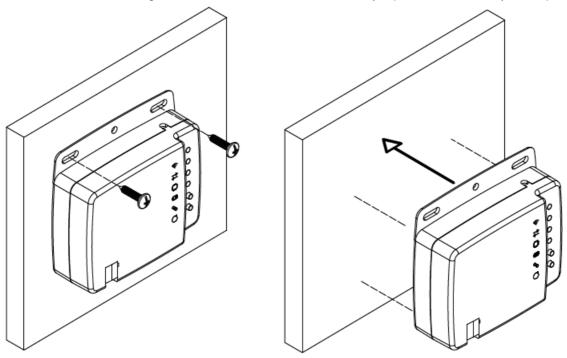
- Control of the parameters of the unit.
- KNX Control.
- · KNX standard data.
- 3 digital inputs.
- · Easily configurable from ETS.
- Communication errors detection.



1 Indoor unit wire	
Digital input 1	
Digital input 2	
Commom input	
Digital input 3	
3 KNX Connection	
4 Indoor unit port	
5 Device reboot	
6 Enable KNX programming	

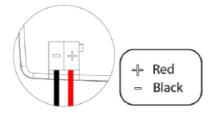
# **Assembly**

The device can be mounted using screws or double-sided adhesive tape (included with the product).



# Connection

To connect the device to the AC unit, follow the instructions on the technical data sheet that comes with the Aidoo. It has a standard KNX connector for connecting to the KNX bus. Connect the Aidoo to the KNX TP-1 bus, following the color code.



# Configuration

This device is totally compatible with KNX, so you can configure it and set it up through ETS tool. **To do this, download the product database at:** 

http://doc.airzone.es/producto/Gama\_AZ6/Airzone/Aidoo/BBDD\_AZAI6KNX.zip The installation of the database in the ETS tool is carried out following the usual procedure for importing new products.

# **Communication objects**

The Aidoo KNX device has a series of communication objects available for configuration by default (see the Default communication objects section). If you wish to use all the communication objects contained in this device, go to the Parameters tab in order to enable them (see the Configuration Parameters section for more information). **IMPORTANT:** The number of functionalities that can be controlled by the different communication objects offered by the Aidoo KNX device will depend on the particular AC unit being controlled. To view all the communication objects available on the Aidoo KNX device, please go to Annexes – Index – Communication Objects for more information.

### **DEFAULT COMMUNICATION OBJECTS**

The default communication objects available in ETS for the Aidoo KNX device are:

Object number	1: Control On/Off	
Description	This allows you to switch the AC unit on or off	
Values	0 -> Off	1 -> On
Type of access to the Bus	Write	
Data point identification	1.001 (DPT_Switch)	
Object number	2: Control Mode	

Note: You can configure the object type in the Fan Configuration section, under the Parameters tab in ETS. By default it is configured as Datapoint 5.001 (percentage control). See the Configuration Parameters – Fan Configuration section for more information.

Note: Configure the object type in the Vanes Up-Down configuration section, under the Parameters tab in ETS. By default it is configured as Datapoint 5.001 (percentage control). See the Configuration Parameters – Vanes Up-Down configuration section for more information.

Object number	51: Status On/Off	
Description	This displays the status of the AC uni t (on or off)	
Valores disponibles	0 -> Off	1 -> On
Tipo de acceso al bus	Reading	
Identificación Datapoint	1.001 (DPT_Switch)	
Object number	52: Status mode	
Description	Position	
Values	0 -> Auto 1-> Heat 3 -> Cool	9 -> Fan 14 -> Dry
Type of access to the Bus	Reading	
Data point identification	20.105 (DPT_ Hvaccontrmode)	
Object number	60: Status Fan speed / 3 speed	
Description	This displays the AC unit's ventilation speed	
Values	33% -> Speed 1 67% -> Speed 2 100% -> Speed 3	1 -> Speed 1 2 -> Speed 2 3 -> Speed 3
Type of access to the Bus	Reading	
Data point identification	5.001 (DPT_Scalling)	5.010 (DPT_Enumerated)

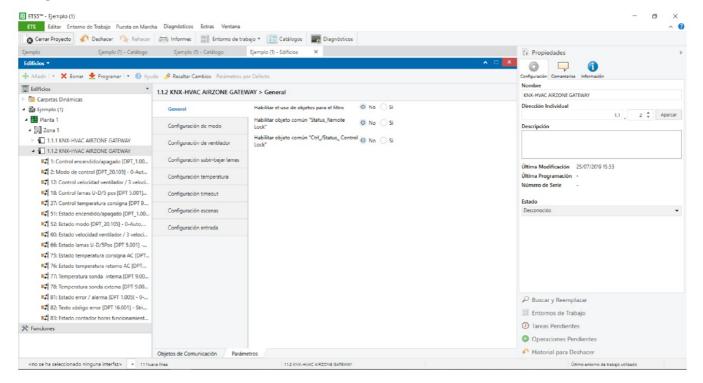
Note: Configure the object type in the Vanes Up-Down configuration section, under the Parameters tab in ETS. By default it is configured as Datapoint 5.001 (percentage control). See the Configuration Parameters – Vanes Up-Down configuration section for more information.

Object number	66: Status Vanes U-D/5Pos	
Description	This displays the position of the AC unit's slats	
	20% -> Position 1	1 -> Position 1
	40% -> Position 2	2 -> Position 2
	60 % -> Position 3	3 -> Position 3
Values	80% -> Position 4	4 -> Position 4
	100% -> Position 5	5 -> Position 5
Type of access to the Bus	Reading	
Data point identification	5.001 (DPT_Scalling)	5.010 (DPT_Enumerated)

Note: Configure the object type in the Vanes Up-Down configuration section, under the Parameters tab in ETS. By default it is configured as Datapoint 5.001 (percentage control). See the Configuration Parameters – Vanes Up-Down configuration section for more information.

### **CONFIGURATION PARAMETERS**

The Aidoo KNX device has a series of communication objects that can be enabled for use via the Parameters tab in ETS.



# General

• Enable use of objects for filter

Object number	31: Control Reset Filter
Description	This resets the filter cleaning warning counter on the AC unit
Values	1 -> Reset
Type of access to the Bus	Write
Data point identification	1.015 (DPT_Reset)
Object number	79: Status Reset Filter
Object number  Description	79: Status Reset Filter  This shows whether or not there has been a warning from the AC unit regarding filter cleaning
Description	This shows whether or not there has been a warning from the AC unit regarding filter cleaning

Enable comm obj "Status\_Remote Lock"

Object number	84: Status Lock Remote Control		
Description	This allows you to lock control from the AC unit's controller		
Values	0 -> Unlocked	1 -> Locked	
Type of access to the Bus	Reading		
Data point identification	1.002 (DPT Bool)		

Enable comm obj "Ctrl\_/Status\_Control Lock"

Object number	36: Control Lock Control Ol	bjects	
Description	This allows you to lock control from KNX communication objects		
Values	0 -> Unlocked	1 -> Locked	
Type of access to the Bus	Write		
Data point identification	1.002 (DPT_Bool)		

Object number	85: Status Lock Control Ob	pjects
Description	This shows whether control has been locked from KNX communication objects	
Values	0 -> Unlocked	1 -> Locked
Type of access to the Bus	Reading	
Data point identification	1.002 (DPT_Bool)	

# Mode configuration

Enable "Mode Cool/Heat" objects

Object number	r 3: Control Mode Cool/Heat	
Description  This allows you to select the AC unit's operating mode (Cooling or Heating) by changir object		the AC unit's operating mode (Cooling or Heating) by changing the value of the
Values	0 -> Cool	1-> Heat
Type of access to the Bus	Write	
Data point identification	1.100 (DPT_Heat/Cool)	

Object number	53: Status Mode Cool/Heat
Description	This displays the operating mode (Cooling or Heating) currently selected for the AC unit
Values	0 -> Cool 1 -> Heat
Type of access to the Bus	Reading
Data point identification	1.100 (DPT_Heat/Cool)
nable PID-Compat Scaling Mode	e Objects
Object number	4: Control Mode Cool & On
Description	This allows you to switch the AC unit on or off, with the selected operating mode being Cooling
Values	0 -> Off 1 100% -> On + Cool
Type of access to the Bus	Write
Data point identification	5.001 (DPT_Scaling)
Object number	5: Control Mode Heat & On
Description	This allows you to switch the AC unit on or off, with the selected operating mode being Heating
Values	0 -> Off 1 100% -> On + Heat
Type of access to the Bus	Write
Data point identification	5.001 (DPT_Scaling)
Enable use of bit-type Mode obje	octs
Object number	6: Control Mode Auto
Description	This allows you to select the Auto mode as the AC unit's operating mode
Values	1 -> Mode Auto
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	7: Control Mode heat
Description	This allows you to select the Heating mode as the AC unit's operating mode
Values	1 -> Mode Heat
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	8: Control Mode Cool
Description	This allows you to select the Cooling mode as the AC unit's operating mode
Values	1 -> Mode Cool
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	9: Control Mode Fan
Description	This allows you to select the Ventilation mode as the AC unit's operating mode

Values 1 -> Mode Fan

Type of access to the Bus Write

Data point identification 1.002 (DPT\_Bool)

Object number	10: Control Mode Dry
Description	This allows you to select the Dry mode as the AC unit's operating mode
Values	1 -> Mode Dry
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	54: Status Mode Auto
Description	This shows that the operating mode currently selected for the AC unit is Auto mode
Values	1 -> Mode Auto
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	55: Status Mode Heat
Description	This shows that the operating mode currently selected for the AC unit is Heating mode
Values	1 -> Mode Heat
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	56: Status Mode Cool
Description	This shows that the operating mode currently selected for the AC unit is Cooling mode
Values	1-> Mode Cool
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	57: Status Mode Fan
Object number	
Description	This shows that the operating mode currently selected for the AC unit is Ventilation mode
Values	1-> Mode Fan
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Ohio et essente es	FO. Shakur Mada Dire
Object number	58: Status Mode Dry  This above that the apposition prode guyranthy selected for the AC unit is Drymode.
Description	This shows that the operating mode currently selected for the AC unit is Dry mode
Description Values	This shows that the operating mode currently selected for the AC unit is Dry mode  1 -> Mode Dry
Description Values Type of access to the Bus	This shows that the operating mode currently selected for the AC unit is Dry mode  1 -> Mode Dry  Reading
Description Values	This shows that the operating mode currently selected for the AC unit is Dry mode  1 -> Mode Dry

# • Enable use of +/- object for mode

Select whether you want to use Datapoint DPT 1.007 (0 = Decrease) or DTP 1.008 (0 = Increase).

Object number	n This allows you to modify the system's operating mode		number 11: Control Mode +/-	
Description				
Values	0 -> Decrease 1 -> Increase	0 -> Increase 1 -> Decrease		
Type of access to the Bus	Write			
Data point identification	1007 (DPT Sten)	1008 (DPT UpDown)		

Enable use of text object for Mode

Object number	59: Status Mode Text
Description	This displays the AC unit's operating mode
Values	ASCII String
Type of access to the Bus	Reading
Data point identification	16.001 (DPT String 8859 1)

# Fan configuration

DPT object type for fan speed

Type of access to the Bus Reading

Data point identification 1.002 (DPT\_Bool)

DPT object type for fan speed	
Select whether you want to use Date ventilation speed status:	apoint DPT 5.001 (percentage control) or DTP 5.010 (number control) for controlling and reading the AC unit's
5.001 (DPT_Scalling	g) 5.010 (DPT_Enumerated)
049% -> Speed 5082% -> Speed 83100% -> Speed	
Enable use of bit-type Fan Speed	objects
Object number	13: Control Fan Speed Man/Auto
Description	This allows you to switch the AC unit's ventilation mode between Manual and Auto by changing the value of the object
Values	1-> Auto
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	14: Control Fan Speed 1
Description	This allows you to activate the ventilation speed 1 in the AC unit
Values	1-> Activated
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	15: Control Fan Speed 2
Description	This allows you to activate the ventilation speed 2 in the AC unit
Values	1 -> Activated
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	16: Control Fan Speed 3
Description	This allows you to activate the ventilation speed 3 in the AC unit
Values	1 -> Activated
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	61: Status Fan Speed Manual/Auto
Description	This shows whether the AC unit's ventilation speed is set to Manual or Auto
Values	0 -> Manual 1 -> Auto

Object number	62: Status Fan Speed 1
Description	This shows whether the AC unit's ventilation speed is set to Speed 1
Values	1 -> Speed 1
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	63: Status Fan Speed 2
Description	This shows whether the AC unit's ventilation speed is set to Speed 2
Values	1 -> Speed 2
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	64: Status Fan Speed 3
Description	This shows whether the AC unit's ventilation speed is set to Speed 3
Values	1 -> Speed 3
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)

<sup>•</sup> Enable use of +/- object for fan speed

Select whether you want to use Datapoint DPT 1.007 (0 = Decrease) or DTP 1.008 (0 = Increase).

Object number	17: Control Fan Speed +/-		
Description	This allows you to control the AC unit's ventilation speed		
Values	0 -> Decrease 1 -> Increase	0 -> Increase 1 -> Decrease	
Type of access to the Bus	Write		
Data point identification	1.007 (DPT_Step)	1.008 (DPT_UpDown)	

# • Enable use of Text object for fan speed

Object number	65: Status Fan Speed Text
Description	This displays the AC unit's ventilation speed
Values	ASCII String
Type of access to the Bus	Reading
Data point identification	16.001 (DPT_String_8859_1)

## Vanes Up-Down configuration

DPT object types for Vanes Up-Down

Select whether you want to use Datapoint DPT 5.001 (percentage control) or DTP 5.010 (number control) for controlling and reading the status of the AC unit's slats:

5.001 (DPT_Scalling)	5.010 (DPT_Enumerated)
0%29% -> Position 1 30%49% -> Position 2 50%69% -> Position 3 70%89% -> Position 4 90%100% -> Position 5	2 -> Position 2 3 -> Position 3 4 -> Position 4
307010070 - 1 031610113	5 - 1 031110113

Enable use of bit-type Vanes Up-	Down objects
Object number	19: Control Vanes U-D Standby
Description	This allows you to activate the Standby function for the AC unit's slats
Values	0 -> Deactivated 1 -> Activated
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	20: Control Vanes U-D Pos 1
Description	This allows you activate Position 1 for the AC unit's slats
Values	1-> Activated
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Data point identification	1.002 (D1 1_000)
Ohiost mushau	21: Control Vanes U-D Pos 2
Object number	
Description	This allows you activate Position 2 for the AC unit's slats
Values	1-> Activated
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	22: Control Vanes U-D Pos 3
Description	This allows you activate Position 3 for the AC unit's slats
Values	1 -> Activated
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	23: Control Vanes U-D Pos 4
Description	This allows you activate Position 4 for the AC unit's slats
Description Values	This allows you activate Position 4 for the AC unit's slats  1 -> Activated
Description	This allows you activate Position 4 for the AC unit's slats
Description Values	This allows you activate Position 4 for the AC unit's slats  1 -> Activated
Description Values Type of access to the Bus	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write
Description Values Type of access to the Bus	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write
Description  Values  Type of access to the Bus  Data point identification	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)
Description  Values  Type of access to the Bus  Data point identification  Object number	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5
Description  Values  Type of access to the Bus  Data point identification  Object number  Description	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats
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Description  Values  Type of access to the Bus  Data point identification  Object number  Description  Values  Type of access to the Bus	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write
Description  Values  Type of access to the Bus  Data point identification  Object number  Description  Values  Type of access to the Bus	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write
Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  25: Control Vanes U-D swing
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Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification Object number Description Values Values	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  25: Control Vanes U-D swing  This allows you activate the Swing function for the AC unit's slats
Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  25: Control Vanes U-D swing  This allows you activate the Swing function for the AC unit's slats  0 -> Deactivated  Write
Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification Object number Description Values Values	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  25: Control Vanes U-D swing  This allows you activate the Swing function for the AC unit's slats  0 -> Deactivated
Description Values Type of access to the Bus Data point identification  Object number Description Values Type of access to the Bus Data point identification  Object number Description Values Type of access to the Bus Data point identification	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  25: Control Vanes U-D swing  This allows you activate the Swing function for the AC unit's slats  0 -> Deactivated  Write  1.002 (DPT_Bool)
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Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification Object number Description Object number Description Object number Description	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  25: Control Vanes U-D swing  This allows you activate the Swing function for the AC unit's slats  0 -> Deactivated  Write  1.002 (DPT_Bool)  67: Status Vanes U-D Standby  This shows whether the Standby function is activated for the AC unit's slats
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Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification Object number Description Values Type of access to the Bus Data point identification Object number Description Object number Description Object number Description	This allows you activate Position 4 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  24: Control Vanes U-D Pos 5  This allows you activate Position 5 for the AC unit's slats  1 -> Activated  Write  1.002 (DPT_Bool)  25: Control Vanes U-D swing  This allows you activate the Swing function for the AC unit's slats  0 -> Deactivated  Write  1.002 (DPT_Bool)  67: Status Vanes U-D Standby  This shows whether the Standby function is activated for the AC unit's slats

Object number	68: Status Vanes U-D Pos 1
Description	This shows whether the AC unit's slats are in Position 1
Values	1-> Position 1
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	69: Status Vanes U-D Pos 2
Description	This shows whether the AC unit's slats are in Position 2
Values	1 -> Position 2
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	70: Status Vanes U-D Pos 3
Description	This shows whether the AC unit's slats are in Position 3
Values	1-> Position 3
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	71: Status Vanes U-D Pos 4
Description	This shows whether the AC unit's slats are in Position 4
Values	1-> Position 4
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	72: Status Vanes U-D Pos 5
Description	This shows whether the AC unit's slats are in Position 5
Values	1-> Position 5
Type of access to the Bus	Reading
Data point identification	1.002 (DPT_Bool)
Object number	73: Status Vanes U-D Swing
Description	This shows whether the Swing function is activated for the AC unit's slats
Values	
Type of access to the Bus	
Data point identification	
Data point identification	1.002 (DF1_D001)

Enable use of +/- Object for Vanes Up-Down

Select whether you want to use Datapoint DPT 1.007 (0 = Decrease) or DTP 1.008 (0 = Increase).

 Object number	26: Control Vanes U-D +/-		
Description	This allows you to control the AC unit's slats.		
 Values	0 -> Decrease 1 -> Increase	0 -> Increase 1 -> Decrease	
Type of access to the Bus	Write		
Data point identification	1.007 (DPT_Step)	1.008 (DPT_UpDown)	

• Enable use of text object for Vanes Up-Down

Object number	74: Status Vanes U-D texto
Description	This displays the position of the AC unit's slats
Values	ASCII String
Type of access to the Bus	Reading
Data point identification	16.001 (DPT_String_8859_1)

Object number	28: Control Setpoint Tempe	rature +/-
Description	This allows you to raise or lower the setpoint temperature of the AC unit in increments of 1°C	
Values	0 -> Decrease 1 -> Increase	0 -> Increase 1 -> Decrease
Type of access to the Bus	Write	
Data point identification	1.007 (DPT_Step)	1.008 (DPT_UpDown)

#### • Enable limits on Control\_Setpoint obj

Select the minimum and maximum setpoint temperature that can be set for the AC unit (in increments of 1°C).

Object number	30: Control Setpoint limit	ition	
Description	This allows you to enable t	ne function to limit the AC unit's setpoint temperature	
Values	0 -> Disabled	1-> Enabled	
Type of access to the Bus	Write		
Data point identification	1.001 (DTP_Switch)		
Object number	80: Status Setpoint limitat	ion	
Object number  Description	· · · · · · · · · · · · · · · · · · ·	nction to limit the AC unit's setpoint temperature is enabled	_
	· · · · · · · · · · · · · · · · · · ·		
Description	This shows whether the fu	nction to limit the AC unit's setpoint temperature is enabled	

Ambient temperature is provided from KNK

This enables/disables ambient temperature reading from a KNX device.

Object number	29: Control Ambient Temperature
Description	This sends the ambient temperature measured from a KNX device to the indoor unit
Values	(°C)
Type of access to the Bus	Write
Data point identification	9.001 (DTP_Value_Temp)

Object number	32: Control Window Contact Status		
Description	This displays the window contact status		
Values	0 -> Open 1 -> Closed		
Type of access to the Bus	Write		
Data point identification	1.009 (DPT_OpenClose)		

- Enable use of Switch off timeout function. If you select Yes, object 33 will be enabled.
  - AC switch-off timeout (min). Select the time after which the AC unit will turn off, following the receipt of a warning that the switch has been activated (1) (from 0 to 255 minutes). If the switch is deactivated (0) during this time, the timer will be canceled.
  - Disallow On/Off operation when timeout is elapsed. Select whether you want to allow the AC unit to be switched on/off when the selected timeout has elapsed.

Object number	33: Control Switch Off timeout
Description	This allows you to activate a timer for switching off the AC unit
Values	0 -> Stop 1 -> Start
Type of access to the Bus	Write
Data point identification	1.010 (DPT_Start)
Object number	34: Control Occupancy
Object number  Description	34: Control Occupancy  This allows you to activate the Unoccupied function in order to switch the AC unit off or put it into unoccupied mode
	This allows you to activate the Unoccupied function in order to switch the AC unit off or put it into
Description	This allows you to activate the Unoccupied function in order to switch the AC unit off or put it into unoccupied mode

Object number	35: Control timeout Sleep
Description	This allows you to activate a timer for switching off the AC unit
Values	0 -> Stop 1 -> Start
Type of access to the Bus	Write
Data point identification	1.010 (DPT_Start)
	(2. 12.10.4)
<ul> <li>Enable use of scenes</li> </ul>	
Object number	37: Control save / scene
Description	This allows you to save or execute scenes. Changing the value of the object will change the function and scene number
Values	04 -> Exe Scene 1 to 5 128132 -> Save Scene 1 to 5
Type of access to the Bus	Write
Data point identification	18.001 (DPT_SceneControl)
Object number	86: Status Current Scene
Description	This displays the current scene being executed
Values	04 -> 1 to 5 63 -> No scene
Type of access to the Bus	Reading
Data point identification	17.001 (DPT_SceneNumber)
<ul> <li>Enable use of bit object for storing s</li> </ul>	cenes (you must have the Enable use of scenes parameter enabled)
Object number	38: Control Save Scene 1
Description	This saves the AC unit's settings as Scene 1
Values	1 -> Store Scene 1
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	39: Control Save Scene 2
Description	This saves the AC unit's settings as Scene 2
Values	1-> Store Scene 2
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
•	
Object number	40: Control Save Scene 3
Description	This saves the AC unit's settings as Scene 3
Values	1-> Store Scene 3
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	41: Control Save Scene 4
Description	This saves the AC unit's settings as Scene 4
Values	1 -> Store Scene 4
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	42: Control Save Scene 5
Description	This saves the AC unit's settings as Scene 5
Values	1-> Store Scene 5
Type of access to the Bus	Vrite
	WALLE

Data point identification 1.002 (DPT\_Bool)

Object number	45: Execute Scene 3
Description	This executes Scene 3
Values	1-> Execute Scene 3
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	46: Execute Scene 4
Description	This executes Scene 4
Values	1-> Execute Scene 4
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)
Object number	47: Execute Scene 5
Description	This executes Scene 5
Values	1-> Execute Scene 5
Type of access to the Bus	Write
Data point identification	1.002 (DPT_Bool)

#### Enable use of scenes

Scene 1 / 2 / 3 / 4 (you must have the Enable use of scenes parameter enabled). Select the scene ID (values available from 0 to 63). If you wish to configure each scene from ETS, activate the System Preset parameter and configure the values of each parameter for the desired AC unit:

- Value for On-Off: Select if you want to turn the AC unit on/off, or if you do not want to carry out any action.
- Value for mode: Select if you want to change the AC unit's operating mode, or if you do not want to carry out any action.
- Value for fan speed: Select if you want to change the AC unit's ventilation speed, or if you do not want to carry out any action.
- Value vanes U-D: Select if you want to modify the position of the AC unit's slats, or if you do not want to carry out any action.
- Value for Setpoint: Select if you want to change the AC unit's setpoint temperature (16 30°C), or if you do not want to carry out any action.

#### Inputs configuration

## **Enable the use of the Aidoo KNX digital inputs:**

- Input 1: Communication objects 87 and 88.
- Input 2: Communication objects 89 and 90.
- Input 3: Communication objects 91 and 92.

The objects will behave differently depending on the configuration of each input.

### Parameters available for configuring each digital input:

- Contact type. Defines the contact logic as Normally Open or Normally Closed.
- Debounce time. Select the debounce time (in milliseconds) required for the system to recognize there has been a change in the contact.

Disabling input object. Select whether or not you want to enable the object that allows the input to be disabled if necessary (communication objects 48, 49 and 50). If yes, select whether you want to use Datapoint DPT 1.002 (0 = False) or DTP 1.003 (0 = Disable).

# • Function. Select the digital input function of the Aidoo KNX:

### Switching

- Send telegram after bus recovery. Select the action to be performed on this digital input after bus recovery (after a power failure): no action, off (0), on (1) or current status.
- Sending delay after bus recovery. If an action is selected, indicate the time delay for sending the telegram (in seconds).
- Value on raising Edge (contact activated). Select the action to be sent to the associated communication object, if it produces a rising edge (activated input): no action, off (0), on (1) or toggle.
- Value on falling Edge (Contact deactivated). Select the action to be sent to the associated communication object, if it produces a falling edge (deactivated input): no action, off (0), on (1) or toggle.
- Cyclical sending. Select if you want cyclical sending to occur depending on the status of the digital input: never, always, when the output value is Off, or when the output value is On.
  - Period for cyclical sending (s). If cyclical sending is selected, indicate the time period (in seconds) for this cycle.

#### Dimming

- Send telegram after bus recovery. Select the action to be performed on this digital input after bus recovery (after a power failure): no action, off (0) or on (1).
  - Sending delay after bus recovery. If an action is selected, indicate the time delay for sending the telegram (in seconds).
- Mode for short (long) operation. Select the action for a short operation to be sent on a rising edge
  (activated input): toggle, off/decrease (0) or on/increase (1). A press and hold will result in either an
  increasing step or a decreasing step.
- Increasing step. Select the percentage of the increasing step that will be sent for a long operation.
- Decreasing step. Select the percentage of the decreasing step that will be sent for a long operation.
- Short/long operation limit (ms). Defines the time that must elapse for the object to interpret that a long operation has occurred (in milliseconds).
- Cyclical sending period in long operation (0-No cyclical sending) (ms). Defines the time (in seconds) during which the long operation must be executed.

#### Shutter/blind

- Send telegram after bus recovery. Select the action to be performed on this digital input after bus recovery (after a power failure): no action, increase (0) or decrease (1).
- Sending delay after bus recovery. If an action is selected, indicate the time delay for sending the telegram (in seconds).
- Operation. Select the action to be sent on a rising edge (activated input): increase (0), decrease (1) or toggle.
- Method. Select the operating method for the shutter/blind: step-move-step or move-step.
  - Step-Move-Step. On a rising edge (activated input) a step telegram will be sent and the

counter defined in "Short/long operation limit (ms)" (counter 1) will start. Note: No action will be taken if a falling edge (deactivated input) occurs during this time. If the rising edge is maintained for longer than the time defined in counter 1, a move telegram will be sent and a second counter, defined in "Vanes adjustment time (ms)" (counter 2), will start. If a falling edge (deactivated input) occurs during the time specified in this second counter, a step telegram will be sent. Note: No action will be taken if a falling edge (deactivated input) occurs after this time.

- Move-Step. On a rising edge (activated input), a move telegram will be sent and counter 2 will start ("Vanes adjustment time" (ms)). If a falling edge (deactivated input) occurs during this time, a stop telegram will be sent. Note: No action will be taken if a falling edge (deactivated input) occurs after this time.
- Shot/long operation limit (ms). Defines the time that must elapse (counter 1) between a short operation and a long operation (in milliseconds).
- Vanes adjustment time (ms). Defines the time that must elapse (counter 2) before adjusting the slats or moving the shutter/blind (in milliseconds).

#### Value

- Send telegram after bus recovery. Select if you want to send an action (fixed value) on this digital input after bus recovery (after a power failure) or if you do not want to send any action.
  - Sending delay after bus recovery. If an action is selected, indicate the time delay for sending this telegram (in seconds).
- DTP to be sent. Select the type of DTP to be sent:
  - DTP 5.010 (1 byte unsigned). Values: 0 ... 255
  - DTP 7.001 (2 bytes unsigned). Values: 0 ... 655335
  - DTP 8.001 (2 bytes signed). Values: -32768 ... 32767
  - DTP 9.001 (temperature). Values: 0 ... 255
  - DTP 12.001 (4 bytes unsigned). Values: 0 ... 4294967295
- Value on raising edge (when contact activated). Defines the value to be sent when the contact is activated.
- Scene (internal). Activates a scene by activating the configured digital input.
  - Scene when contact is activated. Select the scene that will be activated when the digital input is activated.
- Occupancy (internaal). Switches to Occupied mode when the configured digital input is activated.
- Window (internal). Activates the Window Contact timer when this digital input is activated.

#### **Communication objects**

Digital input status

	87: Status In1		
Object number	Switching	Dimming On/Off	Blind step
Description	Displays the status of o	ligital input I1 of the Aidoo KNX	(
Values	0 -> Off 1 -> On	0 -> Off 1 -> On	0 -> Up 1 -> Down
Type of access to the Bus	Reading		
Data point identification	1.001 (DTP_Switch)	1.001 (DTP_Switch)	1.008 (DTP_UpDown)
Object number	88: Status In1		
object number _	Value	Dimming step	Blind move
Description	Shows the value gener	ated according to the behavior	r of the defined input
Values	0 255 0 655335 -32768 32767 0 255 0 4294967295	Regulation step	0 -> Up 1 -> Down
Type of access to the Bus	Reading		
Data point identification	5.010 (DTP_Value_1_Ucc 7.001 (DTP_Value_2_Uc 8.001 (DTP_Value_2_Co 9.001 (DTP_Value_Tem; 12.001 (DTP_Value_4_Uc	ount) unt) o)	rol_Dimm.) 1.008 (DTP_UpDown)
Digital input I2			
Object number	89: Status In2		
	Switching	Dimmind On/Off	Blind step
Description	Displays the status of	digital input I2 of the Aidoo KN	
Values	0 -> Off 1 -> On	0 -> Off 1 -> On	0 -> Up 1 -> Down
Type of access to the Bus	Reading		. 55
Data point identification	1.001 (DTP_Switch)	1.001 (DTP_Switch)	1.008 (DTP_UpDown)
·	, – ,	, – ,	, - ,
Object number	90: Status In2		
	Value	Dimming ste	p Blind move
Description	Shows the value gene	rated according to the behavi	or of the defined input
Values	0 255 0 655335 -32768 32767	Regulation st	ep 0 -> Up 1 -> Down

3.007 (DTP\_Control\_Dimm.) 1.008 (DTP\_UpDown)

Type of access to the Bus

Data point identification

0 ... 255 0 ... 4294967295

5.010 (DTP\_Value\_1\_Ucount) 7.001 (DTP\_Value\_2\_Ucount) 8.001 (DTP\_Value\_2\_Count) 9.001 (DTP\_Value\_Temp) 12.001 (DTP\_Value\_4\_Ucount)

Reading

Object number	91: Status In3			
	Switching	Dimmind On/Off	Blind step	
Description	Displays the status of dig	gital input 13 of the Aidoo KN	X	
Values	0 -> Off 1 -> On	0 -> Off 1 -> On	0 -> Up 1 -> Down	
Type of access to the Bus	Reading			
Data point identification	1.001 (DTP_Switch)	1.001 (DTP_Switch)	1.008 (DTP	_UpDown)
Object number	92: Status In3			
	Value	Dimming ste	p	Blind move
Description	Shows the value generat	ted according to the behavio	or of the defined	input
Values	0 255 0 655335 -32768 32767 0 255 0 4294967295	Regulation st	ep	0 -> Up 1-> Down
Type of access to the Bus	Reading			
Data point identification	5.010 (DTP_Value_1_Ucou 7.001 (DTP_Value_2_Ucou 8.001 (DTP_Value_2_Cou 9.001 (DTP_Value_Temp) 12.001 (DTP_Value_4_Uco	unt) nt)	ontrol_Dimm.)	1.008 (DTP_UpDown)
Disable digital inputs  Object number	48: Control Disable Inpu	ıt 1		
Description	This allows the use of inp	This allows the use of input II of the Aidoo KNX to be disabled		
		out II of the Aldoo Kink to be	disabled	
Values	0 -> False 1 -> True	0 -> Disal 1 -> Enab	oled	
Values Type of access to the Bus		0 -> Disal	oled	
	1 -> True	0 -> Disal 1 -> Enab	oled	
Type of access to the Bus	1 -> True Write	0 -> Disal 1 -> Enab 1.003 (DT	bled ed	
Type of access to the Bus Data point identification	1-> True Write 1.002 (DPT_Bool) 49: Control Disable Input	0 -> Disal 1 -> Enab 1.003 (DT	oled led P_Enable)	
Type of access to the Bus  Data point identification  Object number	1-> True Write 1.002 (DPT_Bool) 49: Control Disable Input	0 -> Disal 1 -> Enab 1.003 (DT	pled ed P_Enable) e disabled	
Type of access to the Bus  Data point identification  Object number  Description	1-> True Write 1.002 (DPT_Bool)  49: Control Disable Inpu This allows the use of inpu 0 -> False	0 -> Disal 1 -> Enab 1.003 (DT ut 2 out 12 of the Aidoo KNX to b 0 -> Disal	pled ed P_Enable) e disabled	
Type of access to the Bus Data point identification  Object number  Description  Values	1-> True  Write  1.002 (DPT_Bool)  49: Control Disable Inpu This allows the use of inpu 0 -> False 1-> True	0 -> Disal 1 -> Enab 1.003 (DT at 2 but 12 of the Aidoo KNX to b 0 -> Disal 1 -> Enab	pled ed P_Enable) e disabled	
Type of access to the Bus  Data point identification  Object number  Description  Values  Type of access to the Bus	1-> True  Write  1.002 (DPT_Bool)  49: Control Disable Input This allows the use of input 0 -> False 1-> True  Write	0 -> Disal 1 -> Enab 1.003 (DT at 2 but 12 of the Aidoo KNX to b 0 -> Disal 1 -> Enab	pled ed P_Enable) e disabled bled ed	
Type of access to the Bus  Data point identification  Object number  Description  Values  Type of access to the Bus  Data point identification	1-> True  Write  1.002 (DPT_Bool)  49: Control Disable Input This allows the use of input 0 -> False 1-> True  Write  1.002 (DPT_Bool)  50: Control Disable Input	0 -> Disal 1 -> Enab 1.003 (DT at 2 but 12 of the Aidoo KNX to b 0 -> Disal 1 -> Enab	e disabled bled ed	
Type of access to the Bus Data point identification  Object number Description  Values  Type of access to the Bus Data point identification  Object number	1-> True  Write  1.002 (DPT_Bool)  49: Control Disable Input This allows the use of input 0 -> False 1-> True  Write  1.002 (DPT_Bool)  50: Control Disable Input	0 -> Disal 1 -> Enab 1.003 (DT at 2 but 12 of the Aidoo KNX to b 0 -> Disal 1 -> Enab 1.003 (DT	e disabled  P_Enable)  e disabled  p_Enable)  e disabled  p_Enable)	
Type of access to the Bus Data point identification  Object number Description  Values  Type of access to the Bus Data point identification  Object number Description	1-> True  Write  1.002 (DPT_Bool)  49: Control Disable Input This allows the use of input 0 -> False 1-> True  Write  1.002 (DPT_Bool)  50: Control Disable Input This allows the use of input 0 -> False	0 -> Disal 1 -> Enab 1.003 (DT at 2 but I2 of the Aidoo KNX to b 0 -> Disal 1 -> Enab 1.003 (DT at 3 but I3 of the Aidoo KNX to b	e disabled  P_Enable)  e disabled  p_Enable)  e disabled  p_Enable)	

# **KNX** parameters for LG

# LGE PROTOCOL

3 Control Mode Cool / Heat W 1 -> Heat	DPT_Heat/Cool	1.100
1 -> neat		

0% -> 0	Off				
4	Control Mode Cool & On W	DPT_Scaling	5.001		
0.1% –	100% -> On + Cool				
0% -> 0	Off				
5	Control Mode Heat & On	0.1% – 100% -> On + Heat	W	DPT_Scaling	5.001
6	Control Mode Auto	1 -> Auto	W	DPT_Bool	1.002
7	Control Mode Heat	1 -> Heat	W	DPT_Bool	1.002
8	Control Mode Cool	1 -> Cool	W	DPT_Bool	1.002
9	Control Mode Fan	1 -> Fan	W	DPT_Bool	1.002
10	Control Mode Dry	1 -> Dry	W	DPT_Bool	1.002
		0 -> Decrease			
		W	-		
		1 -> Increase		DPT_Step	1.007
		0 -> Increase			
11	Control Mode + / -	w		DPT UpDown	1.008
		1-> Decrease		БРТ_ОРБОМП	1.006
		0% – 49% -> Speed 1			
50% – 8	82% -> Speed 2	W		DPT_Scaling	5.001
		83% - 100% -> Speed 3			
12 Speeds	Control Fan Speed / 3	1 -> Speed 1			
Speeds	•				
		2 -> Speed 2	W	DPT_Enumerated	5.010
		3 -> Speed 3			
13 o	Control Fan Speed Man / Aut	1 -> Auto	W	DPT_Bool	1.002
14	Control Fan Speed 1	1 -> Activated	W	DPT_Bool	1.002
15	Control Fan Speed 2	1 -> Activated	W	DPT_Bool	1.002
16	Control Fan Speed 3	1 -> Activated	W	DPT_Bool	1.002
		0 -> Decrease			

19	Control Vanes U-D Standby
25	Control Vanes U-D Swing
27	Control Setpoint Temperature

		0 -> Auto			
		1 -> Heat			
52	Status Mode	3 -> Cool Mode 20.105		R DPT_	HVACContr
		9 -> Fan			
		14 -> Dry			
		0 -> Cool			
53	Status Mode Cool / Heat	1 -> Heat	R	DPT_Heat/Cool	1.100
54	Status Mode Auto	1 -> Auto	R	DPT_Bool	1.002
55	Status Mode Heat	1 -> Heat	R	DPT_Bool	1.002
56	Status Mode Cool	1 -> Cool	R	DPT_Bool	1.002
57	Status Mode Fan	1 -> Fan	R	DPT_Bool	1.002
58	Status Mode Dry	1 -> Dry	R	DPT_Bool	1.002
59	Status Mode Text	ASCII String	R	DPT_String_8859_	16.001
		33% -> Speed 1			
		67% -> Speed 2	R	DPT_Scaling	5.001
	100% -> Speed 3		'		1
60	Status Fan Speed / 3 Speeds				
1 ->	Speed 1				
2 ->	Speed 2	R		DPT_Enumerated	5.010
		3 -> Speed 3			
		0 -> Manual			
		1			

61 uto	Status Fan Speed Manual / A	1 -> Auto	R	DPT_Bool	1.002
62	Status Fan Speed 1	1 -> Speed 1	R	DPT_Bool	1.002
63	Status Fan Speed 2	1 -> Speed 2	R	DPT_Bool	1.002
64	Status Fan Speed 3	1 -> Speed 3	R	DPT_Bool	1.002
65	Status Fan Speed Text ASCII String R			DPT_String_8859_	16.001
0 -> Dea	activated				
73	Status Vanes U-D Swing R			DPT_Bool	1.002
1 -> Act	ivated				
75 Status AC Setpoint Temperature Varies depending on manu facturer R			manu	DPT_Value_Temp	9.001
76 acturer	1 9			DPT_Value_Temp	9.001
77 Internal probe temperature Varies depending on manuf acturer R				DPT_Value_Temp	9.001
0 -> No	alarm				
79	Status Reset Filter R			DPT_Bool	1.002
1 -> Ala	rm				

Object	Values	Name	Flags		Datapo int	
0 -> Disabled						
80 Statu	s Setpoint limitation R			DPT_Swit		1.001
0 -> No error	alarm /					
	s Error / Alarm R alarm has occurred			DPT_Alar m		1.005

82	Error text code cturer R	Varies depending on	DPT_String_8859_1		16.001	
	0 -> Off					
	Status In1 – Switching R					
	1 -> On			DPT_Switch		1.001
	0 -> Off					
87	Status In1 – Dimming On / Off				DPT_Switch	
	1					
0 -> Up						
	Status In1 – Blind Step	1 -> Down	R	DPT_UpDown		1.008
	Status In1 – Value	1 byte unsigned	R	DPT_Value_1_Ucou nt  DPT_Value_2_Ucou nt		5.010
	Status In1 – Value	2 byte unsigned	R			7.001
	Status In1 – Value	2 byte signed	R	DPT_Value_2_Coun t		8.001
	Status In1 – Value	Temperature (ºC)	R	DPT_Value_Temp		9.001
88	Status In1 – Value	4 byte unsigned	R	DPT_Value_4_Ucou		12.001
	Status In1 – Dimming Step	Dimming step	R	DPT_Control_Dimm.		3.007
	0	-> Up				
	Status In1 – Blind Move R  1 -> Down			DPT_UpD own	1.008	
	0	-> Off				
	Status In2 – Switching			DPT_Swit 1.001		
	1	-> On		ch		
	0	-> Off				
89	Status In2 – Dimming On / Off R			DPT_Swit	1.001	
	1	-> On				

		0 -> Up				
	Status In2 – Blind Step	1 -> Down	R	DPT_UpDown		1.008
	Status In2 – Value	1 byte unsigned	R	DPT_Value	DPT_Value_1_Ucount	
	Status In2 – Value	2 byte unsigned	R	DPT_Value_2_Ucou		7.001
	Status In2 – Value	2 byte signed	R	DPT_Value_2_Coun t		8.001
	Status In2 – Value	Temperature (ºC)	R	DPT_Value	_Temp	9.001
90	Status In2 – Value	4 byte unsigned	R	DPT_Value nt	PT_Value_4_Ucou t	
	Status In2 – Dimming Step	Dimming step	R	DPT_Control_Dimm.		3.007
	0 Status In2 – Blind Move R	-> Up -> Down		DPT_UpD own	1.008	
	0 Status In3 – Switching R	-> Off -> On		DPT_Swit	1.001	
91	0 Status In3 – Dimming On / Off R	-> Off -> On		DPT_Swit	1.001	
		0 -> Up				
	Status In3 – Blind Step	1 -> Down	R	DPT_UpDo	wn	1.008
	Status In3 – Value	1 byte unsigned	R	DPT_Value	_1_Ucou	5.010
	Status In3 – Value	2 byte unsigned	R	DPT_Value_2_Ucou nt DPT_Value_2_Coun t		7.001
	Status In3 – Value	2 byte signed	R			8.001
	Status In3 – Value	Temperature (ºC)	R	DPT_Value_Temp		9.001
92	Status In3 – Value	4 byte unsigned	R	DPT_Value_4_Ucou		12.001
	Status In3 – Dimming Step	Dimming step	R	DPT_Contr	ol_Dimm.	3.007

0 -> Up					
Status I	n3 – Blind Move		DPT_UpD own	1.008	
		1 -> Down			

# **Documents / Resources**



AIRZONE Aidoo KNX Controller [pdf] Instruction Manual Aidoo KNX Controller, Aidoo, KNX Controller, Controller

Manuals+,