



RailQUAD 8

Analogue/Digital Multifunction Input Module for DIN rail

ZIO-RQUAD8

Application program version: [1.7]

User manual edition: [1.7]_a

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DOCUMENT UPDATES

Version	Changes	Page(s)
[1.7]_a	Changes in the application program: <ul style="list-style-type: none"> • New options for temperature probe types. 	-
[1.5]_a	Changes in the application program: <ul style="list-style-type: none"> • Optimisation of motion detector module. 	-
[1.3]_a	Changes in the application program: <ul style="list-style-type: none"> • Optimisation of inputs, thermostat and heartbeat modules. 	-
[1.2]_a	Changes in the application program: <ul style="list-style-type: none"> • Optimisation of the binary inputs, motion detector and thermostat modules. 	-
[1.1]_a	Changes in the application program: <ul style="list-style-type: none"> • Support for custom NTC probes. • Heartbeat functionality added. 	-

1 INTRODUCTION

1.1 RailQUAD 8

RailQUAD 8 is an analogue / digital input module from **Zennio** featuring eight separate inputs, each configurable as:

- **Binary Input.**
- **Temperature probe**, either models provided by Zennio or other NTC temperature probes from other suppliers, being in that case possible to configure their parameters in ETS.
- **Motion detector.**

Moreover, RailQUAD 8 implements:

- **8 independent thermostats**, which can be enabled and configured separately.
- **Heartbeat** or periodical “still-alive” notification.

In sum, RailQUAD 8 is an updated version of the popular QUAD from Zennio, with twice the number of inputs and intended to be installed on a DIN rail.

2 CONFIGURATION

2.1 GENERAL

After importing the corresponding database in ETS and adding the device into the topology of the desired project, the configuration process begins by entering the Parameters tab of the device.

ETS PARAMETERISATION

The only parameterisable screen available by default is General. From this screen it is possible to activate/deactivate all the required functionality.

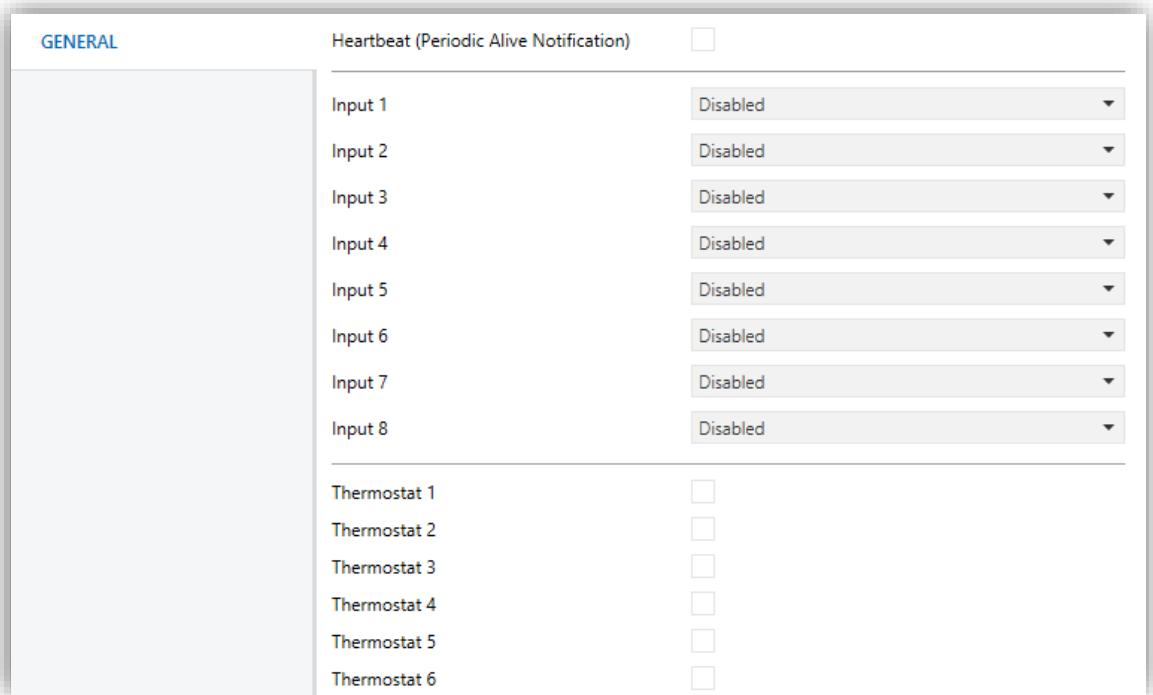
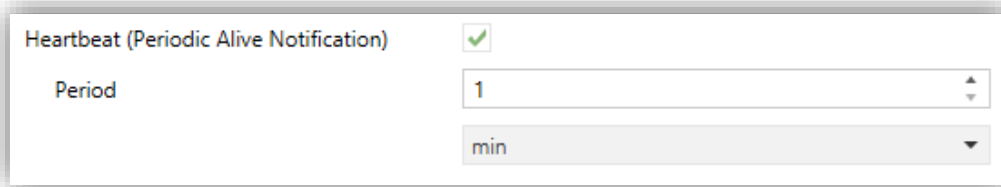


Figure 1 General.

- **Heartbeat (Periodic Alive Notification)** [*enabled / disabled*]¹: enables the “[Heartbeat] Object to Send ‘1’” one-bit object, which will be sent with a value of “1” and a configurable period to notify that the device is still working (*still alive*).

¹ The default values of each parameter will be highlighted in blue in this document, as follows: [*default / rest of options*].



Heartbeat (Periodic Alive Notification)	<input checked="" type="checkbox"/>
Period	1
	min

Figure 2 Heartbeat (Periodical Alive Notification).

Note: the first sending after download or bus failure takes place with a delay of up to 255 seconds, to prevent bus overload. The following sendings match the period set.

- **Input x** [[Disabled](#) / [Binary Input](#) / [Temperature Probe](#) / [Motion Detector](#)]: sets the type of input number “x”. If such input is not required, it can be left as “[Disabled](#)”.
- **Thermostat x** [[enabled](#) / [disabled](#)]: enables thermostat number “x”.

One entry per input or thermostat will be included into the tab tree on the left.

2.2 INPUTS

RailQUAD 8 incorporates **8 analogue/digital inputs**. Each one has three possible configurations, which are explained below.

2.2.1 BINARY INPUT

Configuration for the connection of a pushbutton or a switch/sensor. Please refer to the “**Binary Inputs**” user manual, available under the product section at www.zennio.com.

2.2.2 MOTION DETECTOR

Configuration for the connection of a motion detector. It is possible to connect motion detectors from Zennio to the input ports of MAXinBOX 88 / 66 v3.

Please refer to the “**Motion Detector**” user manual, available under the product section at www.zennio.com, for detailed information about the functionality and the configuration of the related parameters.

2.2.3 TEMPERATURE PROBE

Configuration to connect two types of Zennio temperature sensors or a customized NTC temperature sensor with up to two different parameterizable curves. The selection of the probe type will be through the parameter:

- **Select Temperature Probe:** [[Zennio Probe \(6.8K\)](#) / [Zennio Probe \(10K\)](#) / [Custom NTC Probe 1](#) / [Custom NTC Probe 2](#)]. In case "Custom NTC Probe" is selected, a new parameter page (Custom NTC Probe) will be enabled under the GENERAL tab..

Please refer to the “**Temperature Probe**” user manual, available under the product section at www.zennio.com.

2.3 THERMOSTATS

RailQUAD 8 allows independently enabling and configuring **up to 8 thermostat** functions, with independence of the number of the inputs that have been configured.

Please refer to the specific “**Zennio Thermostat**” user manual available under the RailQUAD 8 product section at the Zennio homepage (www.zennio.com) for detailed information about the functionality and the configuration of the related parameters.

ANNEX I. COMMUNICATION OBJECTS

- **“Functional range”** shows the values that, with independence of any other values permitted by the bus according to the object size, may be of any use or have a particular meaning because of the specifications or restrictions from both the KNX standard or the application program itself.

Number	Size	I/O	Flags	Data type (DPT)	Functional Range	Name	Function
1	1 Bit	O	C - - T -	DPT_Trigger	0/1	[Heartbeat] Object to Send '1'	Sending of '1' Periodically
2	1 Byte	I	C - W - -	DPT_SceneControl	0-63; 128-191	[Thermostat] Scene Input	Scene Value
3, 33, 63, 93, 123, 153, 183, 213	2 Bytes	I	C - W - -	DPT_Value_Temp	-273.00° - 670433.28°	[Tx] Temperature Source 1	External Sensor Temperature
4, 34, 64, 94, 124, 154, 184, 214	2 Bytes	I	C - W - -	DPT_Value_Temp	-273.00° - 670433.28°	[Tx] Temperature Source 2	External Sensor Temperature
5, 35, 65, 95, 125, 155, 185, 215	2 Bytes	O	C R - T -	DPT_Value_Temp	-273.00° - 670433.28°	[Tx] Effective Temperature	Effective Control Temperature
6, 36, 66, 96, 126, 156, 186, 216	1 Byte	I	C - W - -	DPT_HVACMode	1=Comfort 2=Standby 3=Economy 4=Building Protection	[Tx] Special Mode	1-byte HVAC Mode
7, 37, 67, 97, 127, 157, 187, 217	1 Bit	I	C - W - -	DPT_Ack	0/1	[Tx] Special Mode: Comfort	0 = Nothing; 1 = Trigger
	1 Bit	I	C - W - -	DPT_Switch	0/1	[Tx] Special Mode: Comfort	0 = Off; 1 = On
8, 38, 68, 98, 128, 158, 188, 218	1 Bit	I	C - W - -	DPT_Ack	0/1	[Tx] Special Mode: Standby	0 = Nothing; 1 = Trigger
	1 Bit	I	C - W - -	DPT_Switch	0/1	[Tx] Special Mode: Standby	0 = Off; 1 = On
9, 39, 69, 99, 129, 159, 189, 219	1 Bit	I	C - W - -	DPT_Ack	0/1	[Tx] Special Mode: Economy	0 = Nothing; 1 = Trigger
	1 Bit	I	C - W - -	DPT_Switch	0/1	[Tx] Special Mode: Economy	0 = Off; 1 = On
10, 40, 70, 100, 130, 160, 190, 220	1 Bit	I	C - W - -	DPT_Ack	0/1	[Tx] Special Mode: Protection	0 = Nothing; 1 = Trigger
	1 Bit	I	C - W - -	DPT_Switch	0/1	[Tx] Special Mode: Protection	0 = Off; 1 = On
11, 41, 71, 101, 131, 161, 191, 221	1 Bit	I	C - W - -	DPT_Window_Door	0/1	[Tx] Window Status (Input)	0 = Closed; 1 = Open
12, 42, 72, 102, 132, 162, 192, 222	1 Bit	I	C - W - -	DPT_Trigger	0/1	[Tx] Comfort Prolongation	0 = Nothing; 1 = Timed Comfort
13, 43, 73, 103, 133, 163, 193, 223	1 Byte	O	C R - T -	DPT_HVACMode	1=Comfort 2=Standby 3=Economy 4=Building Protection	[Tx] Special Mode Status	1-byte HVAC Mode
14, 44, 74, 104, 134, 164, 194, 224	2 Bytes	I	C - W - -	DPT_Value_Temp	-273.00° - 670433.28°	[Tx] Setpoint	Thermostat Setpoint Input
	2 Bytes	I	C - W - -	DPT_Value_Temp	-273.00° - 670433.28°	[Tx] Basic Setpoint	Reference Setpoint
15, 45, 75, 105, 135, 165, 195, 225	1 Bit	I	C - W - -	DPT_Step	0/1	[Tx] Setpoint Step	0 = -0.5°C; 1 = +0.5°C

16, 46, 76, 106, 136, 166, 196, 226	2 Bytes	I	C - W - -	DPT_Value_Tempd	-671088.64° - 670433.28°	[Tx] Setpoint Offset	Float Offset Value
17, 47, 77, 107, 137, 167, 197, 227	2 Bytes	O	CR - T -	DPT_Value_Temp	-273.00° - 670433.28°	[Tx] Setpoint Status	Current Setpoint
18, 48, 78, 108, 138, 168, 198, 228	2 Bytes	O	CR - T -	DPT_Value_Temp	-273.00° - 670433.28°	[Tx] Basic Setpoint Status	Current Basic Setpoint
19, 49, 79, 109, 139, 169, 199, 229	2 Bytes	O	CR - T -	DPT_Value_Tempd	-671088.64° - 670433.28°	[Tx] Setpoint Offset Status	Current Setpoint Offset
20, 50, 80, 110, 140, 170, 200, 230	1 Bit	I	C - W - -	DPT_Reset	0/1	[Tx] Setpoint Reset	Reset Setpoint to Default
	1 Bit	I	C - W - -	DPT_Reset	0/1	[Tx] Offset Reset	Reset offset
21, 51, 81, 111, 141, 171, 201, 231	1 Bit	I	C - W - -	DPT_Heat_Cool	0/1	[Tx] Mode	0 = Cool; 1 = Heat
22, 52, 82, 112, 142, 172, 202, 232	1 Bit	O	CR - T -	DPT_Heat_Cool	0/1	[Tx] Mode Status	0 = Cool; 1 = Heat
23, 53, 83, 113, 143, 173, 203, 233	1 Bit	I	C - W - -	DPT_Switch	0/1	[Tx] On/Off	0 = Off; 1 = On
24, 54, 84, 114, 144, 174, 204, 234	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] On/Off Status	0 = Off; 1 = On
25, 55, 85, 115, 145, 175, 205, 235	1 Byte	O	CR - T -	DPT_Scaling	0% - 100%	[Tx] Control Variable (Cool)	PI Control (Continuous)
26, 56, 86, 116, 146, 176, 206, 236	1 Byte	O	CR - T -	DPT_Scaling	0% - 100%	[Tx] Control Variable (Heat)	PI Control (Continuous)
27, 57, 87, 117, 147, 177, 207, 237	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] Control Variable (Cool)	2-Point Control
	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] Control Variable (Cool)	PI Control (PWM)
28, 58, 88, 118, 148, 178, 208, 238	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] Control Variable (Heat)	2-Point Control
	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] Control Variable (Heat)	PI Control (PWM)
29, 59, 89, 119, 149, 179, 209, 239	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] Additional Cool	Temp >= (Setpoint+Band) => "1"
30, 60, 90, 120, 150, 180, 210, 240	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] Additional Heat	Temp <= (Setpoint-Band) => "1"
31, 61, 91, 121, 151, 181, 211, 241	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] PI State (Cool)	0 = PI signal 0%; 1 = PI signal greater than 0%
32, 62, 92, 122, 152, 182, 212, 242	1 Bit	O	CR - T -	DPT_Switch	0/1	[Tx] PI State (Heat)	0 = PI signal 0%; 1 = PI signal greater than 0%
243, 247, 251, 255, 259, 263, 267, 271	2 Bytes	O	CR - T -	DPT_Value_Temp	-273.00° - 670433.28°	[Ix] Current Temperature	Temperature sensor value
244, 248, 252, 256, 260, 264, 268, 272	1 Bit	O	CR - T -	DPT_Alarm	0/1	[Ix] Overcooling	0 = No Alarm; 1 = Alarm
245, 249, 253, 257, 261, 265, 269, 273	1 Bit	O	CR - T -	DPT_Alarm	0/1	[Ix] Overheating	0 = No Alarm; 1 = Alarm
246, 250, 254, 258, 262, 266, 270, 274	1 Bit	O	CR - T -	DPT_Alarm	0/1	[Ix] Probe Error	0 = No Alarm; 1 = Alarm
275, 281, 287, 293, 299, 305, 311, 317	1 Bit	I	C - W - -	DPT_Enable	0/1	[Ix] Input Lock	0 = Unlock; 1 = Lock

276, 282, 288, 294, 300, 306, 312, 318	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Short Press] 0	Sending of 0
	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Short Press] 1	Sending of 1
	1 Bit	I	C-WT-	DPT_Switch	0/1	[Ix] [Short Press] 0/1 Switching	Switching 0/1
	1 Bit	O	C--T-	DPT_UpDown	0/1	[Ix] [Short Press] Move Up Shutter	Sending of 0 (Up)
	1 Bit	O	C--T-	DPT_UpDown	0/1	[Ix] [Short Press] Move Down Shutter	Sending of 1 (Down)
	1 Bit	O	C--T-	DPT_UpDown	0/1	[Ix] [Short Press] Move Up/Down Shutter	Switching 0/1 (Up/Down)
	1 Bit	O	C--T-	DPT_Step	0/1	[Ix] [Short Press] Stop/Step Up Shutter	Sending of 0 (Stop/Step Up)
	1 Bit	O	C--T-	DPT_Step	0/1	[Ix] [Short Press] Stop/Step Down Shutter	Sending of 1 (Stop/Step Down)
	1 Bit	O	C--T-	DPT_Step	0/1	[Ix] [Short Press] Stop/Step Shutter (Switched)	Switching of 0/1 (Stop/Step Up/Down)
	4 Bit	O	C--T-	DPT_Control_Dimming	0x0/0x8 (Stop) 0x1...0x7 (Dec.) 0x9...0xF (Inc.)	[Ix] [Short Press] Brighter	Increase Brightness
	4 Bit	O	C--T-	DPT_Control_Dimming	0x0/0x8 (Stop) 0x1...0x7 (Dec.) 0x9...0xF (Inc.)	[Ix] [Short Press] Darker	Decrease Brightness
	4 Bit	O	C--T-	DPT_Control_Dimming	0x0/0x8 (Stop) 0x1...0x7 (Dec.) 0x9...0xF (Inc.)	[Ix] [Short Press] Brighter/Darker	Switch Bright/Dark
	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Short Press] Light On	Sending of 1 (On)
	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Short Press] Light Off	Sending of 0 (Off)
	1 Bit	I	C-WT-	DPT_Switch	0/1	[Ix] [Short Press] Light On/Off	Switching 0/1
	1 Byte	O	C--T-	DPT_SceneControl	0-63; 128-191	[Ix] [Short Press] Run Scene	Sending of 0 - 63
	1 Byte	O	C--T-	DPT_SceneControl	0-63; 128-191	[Ix] [Short Press] Save Scene	Sending of 128 - 191
	1 Bit	I/O	CRWT-	DPT_Switch	0/1	[Ix] [Switch/Sensor] Edge	Sending of 0 or 1
	1 Byte	O	C--T-	DPT_Value_1_Ucount	0 - 255	[Ix] [Short Press] Constant Value (Integer)	0 - 255
	1 Byte	O	C--T-	DPT_Scaling	0% - 100%	[Ix] [Short Press] Constant Value (Percentage)	0% - 100%
2 Bytes	O	C--T-	DPT_Value_2_Ucount	0 - 65535	[Ix] [Short Press] Constant Value (Integer)	0 - 65535	
2 Bytes	O	C--T-	9.xxx	-671088.64 - 670433.28	[Ix] [Short Press] Constant Value (Float)	Float Value	
277, 283, 289, 295, 301, 307, 313, 319	1 Byte	I	C-W--	DPT_Scaling	0% - 100%	[Ix] [Short Press] Shutter Status (Input)	0% = Top; 100% = Bottom
	1 Byte	I	C-W--	DPT_Scaling	0% - 100%	[Ix] [Short Press] Dimming Status (Input)	0% - 100%
278, 284, 290, 296, 302, 308, 314, 320	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Long Press] 0	Sending of 0
	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Long Press] 1	Sending of 1
	1 Bit	I	C-WT-	DPT_Switch	0/1	[Ix] [Long Press] 0/1 Switching	Switching 0/1
	1 Bit	O	C--T-	DPT_UpDown	0/1	[Ix] [Long Press] Move Up Shutter	Sending of 0 (Up)
	1 Bit	O	C--T-	DPT_UpDown	0/1	[Ix] [Long Press] Move Down Shutter	Sending of 1 (Down)
	1 Bit	O	C--T-	DPT_UpDown	0/1	[Ix] [Long Press] Move Up/Down Shutter	Switching 0/1 (Up/Down)
	1 Bit	O	C--T-	DPT_Step	0/1	[Ix] [Long Press] Stop/Step Up Shutter	Sending of 0 (Stop/Step Up)
	1 Bit	O	C--T-	DPT_Step	0/1	[Ix] [Long Press] Stop/Step Down Shutter	Sending of 1 (Stop/Step Down)

	1 Bit	O	C--T-	DPT_Step	0/1	[Ix] [Long Press] Stop/Step Shutter (Switched)	Switching of 0/1 (Stop/Step Up/Down)
	4 Bit	O	C--T-	DPT_Control_Dimming	0x0/0x8 (Stop) 0x1...0x7 (Dec.) 0x9...0xF (Inc.)	[Ix] [Long Press] Brighter	Long Pr. -> Brighter; Release -> Stop
	4 Bit	O	C--T-	DPT_Control_Dimming	0x0/0x8 (Stop) 0x1...0x7 (Dec.) 0x9...0xF (Inc.)	[Ix] [Long Press] Darker	Long Pr. -> Darker; Release -> Stop
	4 Bit	O	C--T-	DPT_Control_Dimming	0x0/0x8 (Stop) 0x1...0x7 (Dec.) 0x9...0xF (Inc.)	[Ix] [Long Press] Brighter/Darker	Long Pr. -> Brighter/Darker; Release -> Stop
	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Long Press] Light On	Sending of 1 (On)
	1 Bit	O	C--T-	DPT_Switch	0/1	[Ix] [Long Press] Light Off	Sending of 0 (Off)
	1 Bit	I	C-WT-	DPT_Switch	0/1	[Ix] [Long Press] Light On/Off	Switching 0/1
	1 Byte	O	C--T-	DPT_SceneControl	0-63; 128-191	[Ix] [Long Press] Run Scene	Sending of 0 - 63
	1 Byte	O	C--T-	DPT_SceneControl	0-63; 128-191	[Ix] [Long Press] Save Scene	Sending of 128 - 191
	1 Bit	O	CR-T-	DPT_Alarm	0/1	[Ix] [Switch/Sensor] Alarm: Breakdown or Sabotage	1 = Alarm; 0 = No Alarm
	2 Bytes	O	C--T-	9.xxx	-671088.64 - 670433.28	[Ix] [Long Press] Constant Value (Float)	Float Value
	2 Bytes	O	C--T-	DPT_Value_2_Ucount	0 - 65535	[Ix] [Long Press] Constant Value (Integer)	0 - 65535
	1 Byte	O	C--T-	DPT_Scaling	0% - 100%	[Ix] [Long Press] Constant Value (Percentage)	0% - 100%
	1 Byte	O	C--T-	DPT_Value_1_Ucount	0 - 255	[Ix] [Long Press] Constant Value (Integer)	0 - 255
279, 285, 291, 297, 303, 309, 315, 321	1 Bit	O	C--T-	DPT_Trigger	0/1	[Ix] [Long Press/Release] Stop Shutter	Release -> Stop Shutter
280, 286, 292, 298, 304, 310, 316, 322	1 Byte	I	C-W--	DPT_Scaling	0% - 100%	[Ix] [Long Press] Dimming Status (Input)	0% - 100%
	1 Byte	I	C-W--	DPT_Scaling	0% - 100%	[Ix] [Long Press] Shutter Status (Input)	0% = Top; 100% = Bottom
323	1 Byte	I	C-W--	DPT_SceneNumber	0 - 63	[Motion Detector] Scene Input	Scene Value
324	1 Byte	O	C--T-	DPT_SceneControl	0-63; 128-191	[Motion Detector] Scene Output	Scene Value
325, 354, 383, 412, 441, 470, 499, 528	1 Byte	O	CR-T-	DPT_Scaling	0% - 100%	[Ix] Luminosity	0-100%
326, 355, 384, 413, 442, 471, 500, 529	1 Bit	O	CR-T-	DPT_Alarm	0/1	[Ix] Open Circuit Error	0 = No Error; 1 = Open Circuit Error
327, 356, 385, 414, 443, 472, 501, 530	1 Bit	O	CR-T-	DPT_Alarm	0/1	[Ix] Short Circuit Error	0 = No Error; 1 = Short Circuit Error
328, 357, 386, 415, 444, 473, 502, 531	1 Byte	O	CR-T-	DPT_Scaling	0% - 100%	[Ix] Presence State (Scaling)	0-100%
329, 358, 387, 416, 445, 474, 503, 532	1 Byte	O	CR-T-	DPT_HVACMode	1=Comfort 2=Standby 3=Economy 4=Building Protection	[Ix] Presence State (HVAC)	Auto, Comfort, Standby, Economy, Building Protection
330, 359, 388, 417, 446,	1 Bit	O	CR-T-	DPT_Switch	0/1	[Ix] Presence State (Binary)	Binary Value

475, 504, 533	1 Bit	O	CR-T-	DPT_Start	0/1	[Ix] Presence: Slave Output	1 = Motion Detected
331, 360, 389, 418, 447, 476, 505, 534	1 Bit	I	C-W--	DPT_Window_Door	0/1	[Ix] Presence Trigger	Binary Value to Trigger the Presence Detection
332, 361, 390, 419, 448, 477, 506, 535	1 Bit	I	C-W--	DPT_Start	0/1	[Ix] Presence: Slave Input	0 = Nothing; 1 = Detection from slave device
333, 362, 391, 420, 449, 478, 507, 536	2 Bytes	I	C-W--	DPT_TimePeriodSec	0 - 65535	[Ix] Presence: Waiting Time	0-65535 s.
334, 363, 392, 421, 450, 479, 508, 537	2 Bytes	I	C-W--	DPT_TimePeriodSec	0 - 65535	[Ix] Presence: Listening Time	1-65535 s.
335, 364, 393, 422, 451, 480, 509, 538	1 Bit	I	C-W--	DPT_Enable	0/1	[Ix] Presence: Enable	According to parameters
336, 365, 394, 423, 452, 481, 510, 539	1 Bit	I	C-W--	DPT_Switch	0/1	[Ix] Presence: Day/Night	According to parameters
337, 366, 395, 424, 453, 482, 511, 540	1 Bit	O	CR-T-	DPT_Occupancy	0/1	[Ix] Presence: Occupancy State	0 = Not Occupied; 1 = Occupied
338, 367, 396, 425, 454, 483, 512, 541	1 Bit	I	C-W--	DPT_Start	0/1	[Ix] External Motion Detection	0 = Nothing; 1 = Motion detected by an external sensor
339, 344, 349, 368, 373, 378, 397, 402, 407, 426, 431, 436, 455, 460, 465, 484, 489, 494, 513, 518, 523, 542, 547, 552	1 Byte	O	CR-T-	DPT_Scaling	0% - 100%	[Ix] [Cx] Detection State (Scaling)	0-100%
340, 345, 350, 369, 374, 379, 398, 403, 408, 427, 432, 437, 456, 461, 466, 485, 490, 495, 514, 519, 524, 543, 548, 553	1 Byte	O	CR-T-	DPT_HVACMode	1=Comfort 2=Standby 3=Economy 4=Building Protection	[Ix] [Cx] Detection State (HVAC)	Auto, Comfort, Standby, Economy, Building Protection
341, 346, 351, 370, 375, 380, 399, 404, 409, 428, 433, 438, 457, 462, 467, 486, 491, 496, 515, 520, 525, 544, 549, 554	1 Bit	O	CR-T-	DPT_Switch	0/1	[Ix] [Cx] Detection State (Binary)	Binary Value
342, 347, 352, 371, 376, 381, 400, 405, 410, 429, 434, 439, 458, 463, 468, 487, 492, 497, 516, 521, 526, 545, 550, 555	1 Bit	I	C-W--	DPT_Enable	0/1	[Ix] [Cx] Enable Channel	According to parameters
343, 348, 353, 372, 377, 382, 401, 406, 411, 430, 435, 440, 459, 464, 469, 488, 493, 498, 517, 522, 527, 546, 551, 556	1 Bit	I	C-W--	DPT_Switch	0/1	[Ix] [Cx] Force State	0 = No Detection; 1 = Detection

Join and send us your inquiries
about Zennio devices:

<https://support.zennio.com>

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