## System Specification



## **EnOcean Equipment Profiles**

#### **REVISION HISTORY**

Ver.	Editor	Change	Date
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# enocean°alliance No Wires. No Batteries. No Limits.

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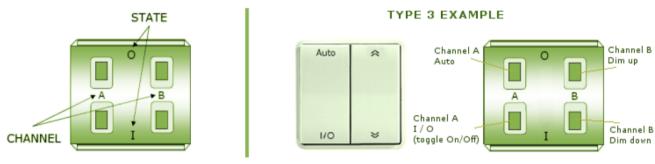
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## F6-02: Rocker Switch, 2 Rocker

For clarification reasons the following picture shows a PTM200 transmitter module from EnOcean GmbH which transmits RPS telegrams and is one possibility to be used in applications that require an EEP F6-02-xx. Please note that PTM200 does not support transmission of teach-in telegrams.



The button naming used below is referring to CHANNEL and STATE of the PTM200. Thus "Button AI" means STATE "I" on CHANNEL "A".

There are two different message types, the N-message and the U-message, which need to be identified from the Status Field of an EnOcean RPS telegram. For that reason not only the data bytes are given for each EEP but the T21 and NU bits of the Status Field are listed as well.

RORG	F6	RPS Telegram
FUNC	02	Rocker Switch, 2 Rocker
TYPE	01	Light and Blind Control - Application Style 1

This EEP definition is based on the assumption that a RPS switch module (e.g. PTM200) is installed in a 0-STATE up position! Application Style 1 is widely used in EU but may be found in other markets as well.

#### Statusfield:

Offset	Size	Data	Value
2	1	T21	1
3	1	NU	1

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#### Datafield:

Offset	Size	Bitrange	Data	ShortCut	Description		Valid Range	Scale	Unit	
0	3	DB0.7DB0.5		R1		Enum:				
			action			0:	: Button AI: "Switch light on" or "Dim light down" or "Move blind closed"			
						1:	Button A0: "Switch light off" or ' "Move blind open"	'Dim light up"	or	
						2:	Button BI: "Switch light on" or ' "Move blind closed"	'Dim light dow	n" or	
						3:	Button B0: "Switch light off" or ' "Move blind open"	`Dim light up"	or	
3	1	DB0.4	Energy Bow	EB		Enum:	<u>:                                      </u>			
						0:	released			
						1:	pressed			
4	3	DB0.3DB0.1	Rocker 2nd action	R2		0:	Button AI: "Switch light on" or ' "Move blind closed"	'Dim light dow	n" or	
						1:	Button A0: "Switch light off" or ' "Move blind open"	'Dim light up"	or	
						2:	Button BI: "Switch light on" or ' "Move blind closed"	'Dim light dow	n" or	
						3:	Button B0: "Switch light off" or ' "Move blind open"	`Dim light up"	or	
7	1	DB0.0	2nd Action	SA		Enum:				
						0:	No 2nd action			
						1:	2nd action valid			

#### Statusfield:

Offset	Size	Data	Value
2	1	T21	1
3	1	NU	0

### Datafield:

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	3		Number of buttons pressed simultaneously (other bit combinations are not valid)	R1		Enum: 0: n	o button	1
						3: 3 b	or 4 uttons	
3	1	DB0.4	Energy Bow	EB			eleased ressed	
4	4	DB0.3DB0.0	Not Used (= 0)					

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