

EnOcean Equipment Profiles

REVISION HISTORY

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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	DB0.7...DB0.5	Rocker 1st action	R1	....	Enum: 0: Button AI: "Switch light on" or "Dim light down" or "Move blind closed" 1: Button A0: "Switch light off" or "Dim light up" or "Move blind open" 2: Button BI: "Switch light on" or "Dim light down" or "Move blind closed" 3: Button B0: "Switch light off" or "Dim light up" or "Move blind open"		
3	1	DB0.4	Energy Bow	EB	....	Enum: 0: released 1: pressed		
4	3	DB0.3...DB0.1	Rocker 2nd action	R2	....	Enum: 0: Button AI: "Switch light on" or "Dim light down" or "Move blind closed" 1: Button A0: "Switch light off" or "Dim light up" or "Move blind open" 2: Button BI: "Switch light on" or "Dim light down" or "Move blind closed" 3: Button B0: "Switch light off" or "Dim light up" or "Move blind open"		
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	DB0.7...DB0.5	Number of buttons pressed simultaneously (other bit combinations are not valid)	R1	....	Enum: 0: no button 3: 3 or 4 buttons		
3	1	DB0.4	Energy Bow	EB	....	Enum: 0: released 1: pressed		
4	4	DB0.3...DB0.0	Not Used (= 0)					