

EnOcean Equipment Profiles

REVISION HISTORY

Ver.	Editor	Change	Date
2.6.8	NM	Last xml edition of the EEP-Specification	Dec 31, 2017

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A5-20: HVAC Components

RORG	A5	4BS Telegram
FUNC	20	HVAC Components
TYPE	11	Generic HVAC Interface – Error Control (BI-DIR)

Submitter: Intesis Software SL

Error Control: AC Error Code, Error States and Disablements. With this EEP plus the already existing EEP A5-10-03 and A5-20-10 all the information of AC indoor unit can be sent and received allowing a much easier and complete control of these units.

DIRECTION-1 = Receive mode: Commands received by the HVAC interface.

DIRECTION-2 = Transmit mode: Commands sent by the HVAC interface.

DIRECTION-1

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	23	DB3.7...DB1.1	Not Used (= 0)					
23	1	DB1.0	External disablement	EXDS	External disablement	Enum:		
						0:	Not disabled	
						1:	Disabled	
24	4	DB0.7...DB0.4	Not Used (= 0)					
28	1	DB0.3	LRN Bit	LRNB	LRN Bit	Enum:		
						0:	Teach-in telegram	
						1:	Data telegram	
29	1	DB0.2	Disable remote controller	DRC	Disable remote controller (When in receive mode it controls if the interface overwrites the remote controller commands.)	Enum:		
						0:	Enable Remote controller	
						1:	Disable Remote controller	
30	1	DB0.1	Window contact	WC	Window contact	Enum:		
						0:	Windows opened	
						1:	Windows closed	
31	1	DB0.0	Not Used (= 0)					

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DIRECTION-2

SECTION 2

Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale	Unit
0	16	DB3.7...DB2.0	Error Code	ERR	Error Code (DB3 HI,DB2 LO); generated by A.C.	0...65535	0...65535	N/A
16	4	DB1.7...DB1.4	Reserved	RES	Reserved (0b0000)	Enum: : Reserved		
20	1	DB1.3	Other disablement	OD	Manufacturer defined. It is just to provide an extra "disablement signal" that could be used for other devices. People would not have to change anything then as this is already an established "signal"	Enum: 0: Not disabled 1: Disabled		
21	1	DB1.2	Window contact disablement	WCD	Window contact disablement	Enum: 0: Not disabled 1: Disabled		
22	1	DB1.1	Key card disablement	KCD	Key card disablement	Enum: 0: Not disabled 1: Disabled		
23	1	DB1.0	External disablement	ED	External disablement	Enum: 0: Not disabled 1: Disabled		
24	4	DB0.7...DB0.4	Not Used (= 0)					
28	1	DB0.3	LRN Bit	LRNB	LRN Bit	Enum: 0: Teach-in telegram 1: Data telegram		
29	1	DB0.2	Remote controller Disablement	RCD	Remote controller Disablement (In transmit it sends the status of this parameter. If the manufacturer doesn't support this option, it will send allways 0, no matter what it receives.)	Enum: 0: Remote controller enabled 1: Remote controller disabled		
30	1	DB0.1	Window contact	WC	Window contact	Enum: 0: Windows opened 1: Windows closed		
31	1	DB0.0	Alarm State	AS	Alarm State	Enum: 0: Ok 1: Error		