

Appendix to
eBUS
Specifications

Applications Layer – OSI 7
V 1.4.1

03.2007

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1 Allocation of Master Addresses

The following address allocation is mandatory for eBUS Systems. Addresses that are not pre-allocated may be released for special systems configuration.

Address	Priority	Master	Description
00H	0	Master 1	PC/Modem
10H	0	Master 2	Heater Controller 0
30H 0	0	Master 3	Heater Controller 1
70H 0	0	Master 4	Heater Controller 2
F0H 0	0	Master 5	Heater Controller 3
01H 1	1	Master 6	Man. Programming Unit
11H 1	1	Master 7	Bus Interface
31H 1	1	Master 8	Bus Interface
71H 1	1	Master 9	
F1H 1	1	Master 10	
03H 2	2	Master 11	Firing Automat 1
13H 2	2	Master 12	Firing Automat 2
33H 2	2	Master 13	Firing Automat 3
73H 2	2	Master 14	Firing Automat 4
F3H 2	2	Master 15	Firing Automat 5
07H 3	3	Master 16	
17H 3	3	Master 17	<i>Heater Controller 4*</i>
37H 3	3	Master 18	<i>Heater Controller 5*</i>
77H 3	3	Master 19	<i>Heater Controller 6*</i>
F7H 3	3	Master 20	<i>Heater Controller 7*</i>
0FH 4	4	Master 21	<i>RC Clock Model</i>
1FH 4	4	Master 22	<i>Firing Automat 6**</i>
3FH 4	4	Master 23	<i>Firing Automat 7**</i>
7FH 4	4	Master 24	<i>Firing Automat 8**</i>
FFH 4	4	Master 25	PC

* For systems with more than 4 heater controllers, these addresses are appointed for heater controllers 4 - 7

** For systems with more than 4 firing automats, these addresses are appointed for heater controllers 6 - 8

2 Manufacturer Coding

Manufacturer	Coding HH
Karl Dungs GmbH	0x06h
Eberle Controls GmbH	0x60h
EBV Elektronikbau	0x065h
ENCON Electronics	0X40h
FH Braunschweig/Wolfenbüttel	0x0Fh
Graesslin GmbH & Co.KG	0x075h
G. Kromschröder AG	0x50h
Lamberti Elektronik	0x11h
Landis & Staefa	0x15h
Motoren und Ventilatoren Landshut GmbH	0x85h
SIG Berger Lahr GmbH & Co KG	0x95h
RAWE Electronic GmbH	0x20h
Satronic AG	0x30h
TEM AG für Elektronik Intertem Vertriebs AG	0x10h
Theben Zeitschaltautomatik	0xA5h
Thermowatt s.p.a.	0xA7h
Joh. Vaillant GmbH & Co.	0xB5h
Max Weishaupt GmbH	0xC5h

3 Primary Command Definition for eBUS-Systems

The eBUS standard defines the commands and subcommands for the communication between the function groups. To enable communication between the components of various manufacturers, the commands must be standardized. Below, the command codes are allocated to specific communications paths.

For each manufacturer, a dedicated command code is reserved by the User Club eBUS e.V., allowing handling of proprietary tasks. The resulting picture is as follows:

Primary Command	Communications Path / Manufacturer
01	reserved
02	reserved
03	reserved
04	reserved
05	Firing Automat <-> Heater Controller
06	Karl Dungs GmbH & Co.
07	System Data
08	Controller-Controller Commands
09	Memory Server
0A	
0B	
0C	
0D	
0E	
0F	Testing Commands
10	TEM AG
11	Lamberti Elektronik GmbH & Co KG
12	reserved
13	reserved
...	
15	Landis & Staefa
...	
20	RAWE Electronic GmbH
...	
30	Satronicon AG
...	
40	ENCON Electronics B.V.
...	
50	G. Kromschroeder AG
...	
FE	FAX Modem <-> all other components
FF	Network Management

Find current status of primary command definitions under www.eBUS.de .

4 Changelist

Version	Date	Comment	
1.1	1998	Initial Version	Frank Hoffmann
1.1.1	03.2007	Change of the eBUS User Club Logos to eBUS Interest Group	Frank Hoffmann

