

K-BUS KNX

KNX Timer module with LCD display_V1.2

BATM-82/00.1



KNX/EIB

注意事项

1、请勿离强磁场、高压、高温场所。

印本设备

4、请勿自行拆

		1
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KNX

KNX

KNX

KNX

KNX

KNX

24-30V DC

.knxproj

ETS

ETS5.7

KNX

KNX

●

2.4

●

KNX

●

●

82

4

2

12

64

●

ON/OFF

/

ON/OFF

ETS

ON/OFF

●

ON/OFF

/

ON/OFF

ETS

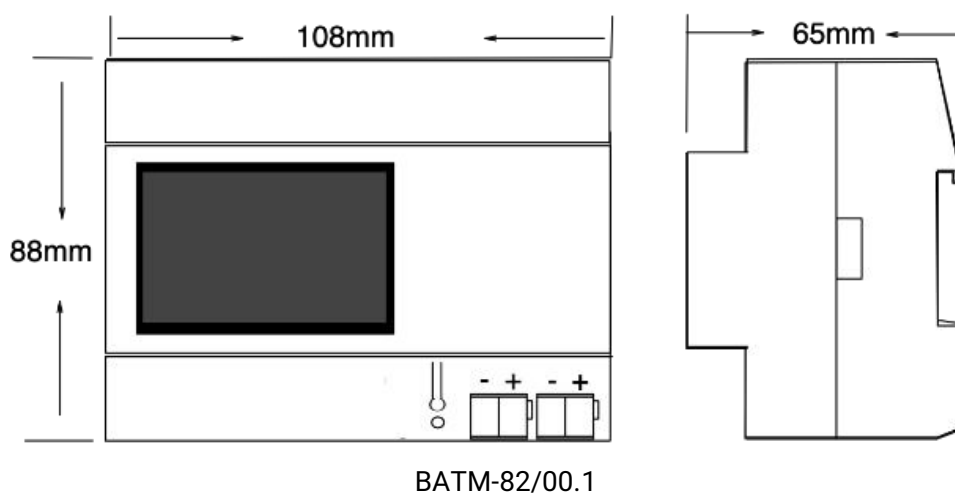
ON/OFF

•		ETS	ON/OFF	ON/OFF
	0-255			
•			/	ON/OFF
	ETS	ON/OFF		

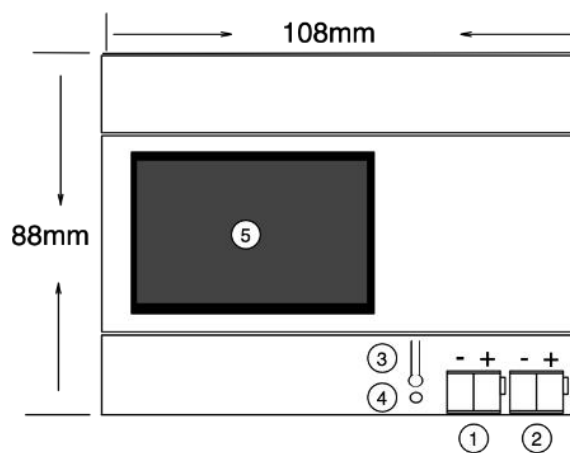
24-30V DC	
<5mA/24V DC <4mA/30V DC	
<120mW	
24-30V DC	
<40mA/24V DC, <35mA/30V DC	
<1.1W	
KNX	(0.8mm)
KNX	/
LED	
5 °C ... 45 °C	
– 25 °C ... 55 °C	
– 25 °C ... 70 °C	
<93%,	
35	
/ 108.0mm Ø88.0mm Ø65.0mm / 0.3KG	

Weekly timing/Festival timing/Sunrise and Sunset /1.0	227	254	254

3.1



3.2



KNX

/

KNX

/

4.1



4

2

10

2

64

ON/OFF

ON/OFF

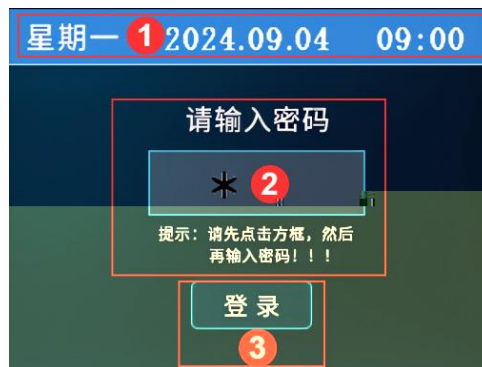
/

/

action,xx channel x

OFF

4.2



8421

1.

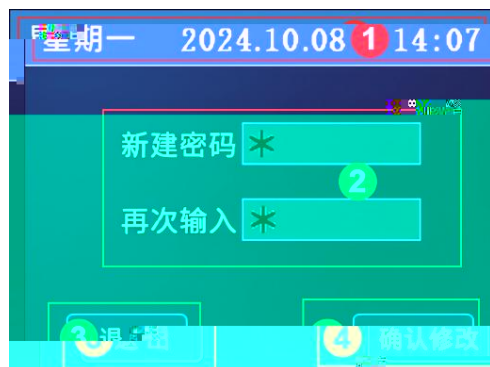
4.4.

2.

4.3



4.4



1 1-4 1 5 (-)0000

4.5



4

/ /

/

/

ON/OFF

18:30 ON 18:30 OFF OFF

4

4.6



12

4	7	5-	8
8	7	9-	12
/	/		
	/		
/			

[2000,2099]

ON/OFF

4.7



2

/ /

/

/

[-60min, 60min]

ON/OFF

4.8



64

4	5	5-	8
8	5	9-	12

...

/

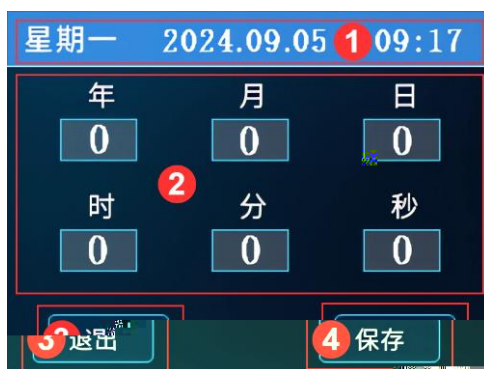
/

/

0

[2000, 2099]

4.9



/ / [00.99]

/ /

4.10



[-180.00, 180.00]

[-90.00, 90.00]

ETS

5.1

General

"General" 5.1

datetime report cyclic time (min)

5.1

"General"

datetime report cyclic time (min)

0...255min 0=

0

ETS

45

report, datetime, general 226 report date, general 227 report time, general

5.2

Weekly cycle

Weekly cycle

ON/OFF

4

weekly channel 1...4

weekly channel 1

5.2



5.2

"Weekly cycle"

Channel control obj

action, weekly channel x

Disable

Enable

Disable:

action, weekly channel x

Enable:

action, weekly channel x

Timing on output

ON

output switch

output percent

output scene

cyclic output on

no output

-- **switch output**

output switch

ON /

OFF

ON

-- **percent output (0-100%)**

output percent

ON

0...100%

-- **scene output (1-64)**

output scene

ON

1-64

-- **cyclic time (s), max = 255s**

cyclic output on

ON

0-255 0=

Timing off output

OFF

output switch

output percent

output scene

cyclic output on

no output

-- **switch output**

output switch

OFF

/

OFF

ON

-- **percent output (0-100%)**

output percent

OFF

0...100%

-- **scene output (1-64)**

output scene

OFF

1-64

-- **cyclic time (s), max = 255s**

cyclic output on

OFF

0-255 0=

5.3

Holiday cycle

Holiday cycle

ON/OFF

12

Holiday channel 1...12

5.3

5.2 weekly channel 1

Channel control.obj

☒ Disable ☐ Enable

Timing on output

output switch

switch output

☐ OFF ☒ ON

Timing off output

output switch

switch output

☒ OFF ☐ ON

5.3

"Holiday cycle"

5.4

Single timer

ON/OFF

64

Single timer

channel 1...64

single timer channel 1-8

8

5.4

Timer output type - timer(1)

output value of timer preset

Timer output type - timer(2)

output 1 byte

1  State output (0-255)

0

Timer output type - timer(3)

no output

Timer output type - timer(4)

no output

Timer output type - timer(5)

no output

Timer output type - timer(6)

no output

Timer output type - timer(7)

no output

Timer output type - timer(8)

no output

5.4

"Single timer"

Timer output type – timer(x) (x=1~8)

ON/OFF

x

output value of timer preset

ON/OFF

output 1 byte

1

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to output



output value of timer preset:

5.5

Astronomical clock

Astronomical clock

ON/OFF

2

Astronomical channel 1/2

5.5

5.2 weekly channel 1

Channel control.obj

☒ Disable ☐ Enable

Timming on output

output switch ▼

switch output

☐ OFF ☒ ON

Timming off output

output switch ▼

switch output

☒ OFF ☐ ON

5.5

Astronomical clock

226	month/day/year	report date, general	3bytes	C,T	11.001 date
227	week,hh:mm:ss	report time, general	3bytes	C,T	10.001 time of day

6.1 "General"

6.2 Weekly cycle

	Number	Name	Object Function	Length	C	P	W	T	D	Data Type	Priority
18	18	switch, weekly channel 1	on/off	1 bit	C	-	-	T	-	switch	Low
9	9	percent, weekly channel 1	0-100%	1 byte	C	-	-	T	-	percentage (0..100%)	Low
10	10	scene, weekly channel 1	1-64	1 byte	C	-	-	T	-	scene number	Low
46	46	action, weekly channel 1	disable/enable	1 bit	C	-	W	-	-	enable	Low

6.2 "Weekly cycle"

DPT

8/11/14/17	on/off	switch, weekly channel x	1bit	C,T	1.001 switch
		ON/OFF			
	1---				
	0---				
9/12/15/18	0-100%	percent, weekly channel x	1byte	C,T	5.001 percentage (0..100%)

□ □ □ □ □ □ □ □

6.3 Holiday cycle

	Number	Name	Object Function	Length	C	R	W	T	U	Data Type	Priority
20		switch, holiday channel 1	on/off	1 bit	C	-	-	T	-	switch	Low
21		percent, holiday channel 1	0-100%	1 byte	C	-	-	T	-	percentage (0..100%)	Low
22		scene, holiday channel 1	1-64	1 byte	C	-	-	T	-	scene number	Low
50		action, holiday channel 1	disable/enable	1 bit	C	-	W	-	-	enable	Low

6.3 "Holiday cycle"

					DPT
20/23/.../88/91	on/off	switch, holiday channel x	1bit	C,T	1.001 switch
ON/OFF					
1---					
0---					
21/24/.../89/92	0-100%	percent, holiday channel x	1byte	C,T	5.001 percentage (0..100%)
ON/OFF 0...100%					
22/25/.../90/93	1-64	scene, holiday channel x	1byte	C,T	17.001 scene number
ON/OFF 1...64					
50/51/.../91/94	disable/enable	action, holiday channel x	1bit	C,W	1.003 enable
/					
1---					
0---					
:					
:					

6.3 "Holiday cycle"

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64

6.5 Astronomical clock

	Number	Name	Object Function	Length	C	P	R	W	T	Unit	Data type	Priority
	26	switch, astronomical channel 1	on/off	1 bit	C	-	-	-	-	-	switch	Low
	27	percent, astronomical channel 1	0-100%	1 byte	C	-	-	-	-	-	percentage (0-100%)	Low
	28	scene, astronomical channel 1	1-64	1 byte	C	-	-	T	-	-	scene number	Low
	52	action, astronomical channel 1	disable/enable	1 bit	C	-	W	-	-	-	enable	Low

6.5 “Astronomical clock”

					DPT
26/29	on/off	switch, astronomical channel x	1bit	C,T	1.001 switch
ON/OFF 1— 0—					
27/30	0-100%	percent, astronomical channel x	1byte	C,T	5.001 percentage (0..100%)
ON/OFF 0...100%					
28/31	1-64	scene, astronomical channel x	1byte	C,T	17.001 scene number
ON/OFF 1...64					
52/53	disable/ enable	action, astronomical channel x	1bit	C,W	1.003 enable
/ 1— 0— : :					

6.5 “Astronomical clock”