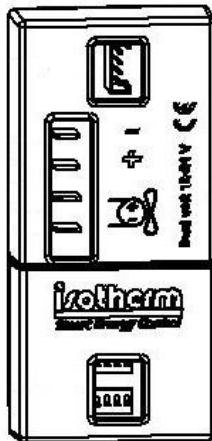


	<h1>Smart Energy Control</h1>	
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Smart Energy Control



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info@indelwebastomarine.com

[RU]

- . 1): .3
- . 2): .4
- . 3): .6
- . 4): .7
- . 5): .12
- . 6): , DIP-
.15
- . 7): .17
- . 8): SEC .25
- . 9): .26
- . 10): .42

. 3 . 6 .

-

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1)

:

Isotherm Smart Energy Control

Indel Webasto Marine

CRUISE Elegance Line

:

Isotherm Smart Energy Control

Isotherm Smart Energy Control

35%,

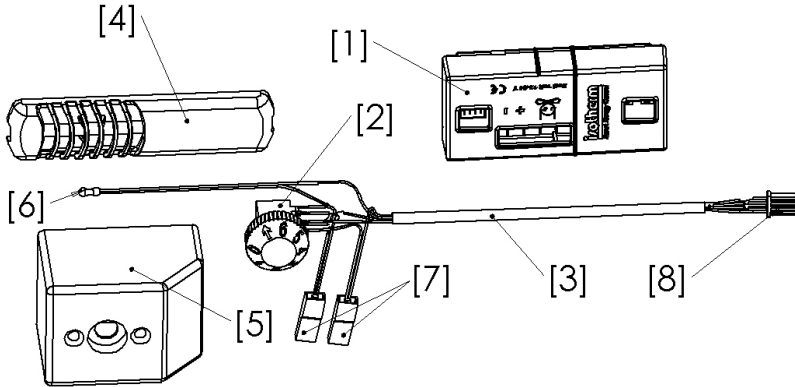
50%

2)

:

: SED00033AA

.1



[1]:

Smart Energy Control (SEC)

[2]:

[3]:

[4]:

[6]

[5]:

/

[6]:

[7]:

(+),

(-).

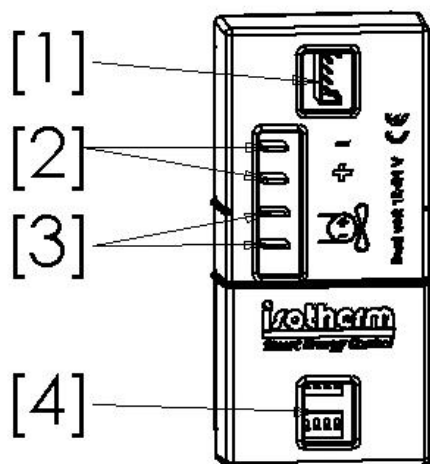
[8]:

SEC.

[9]:

[10]:

. 2



[1]:

[2]:

[3]:

[4]:

3)

:

:

Secop/Danfoss DB35 DB50
Danfoss 101N0210/220/230

.

:

: 10 °C 1 °C
: -1 ° C

:

- _____

_____.
- _____
_____.
- _____
_____,
_____;
_____,
_____.
- _____
_____,
_____.3
_____.9 [3] _____ .4 .1
[6] (_____ .12 . 5)

Smart Energy Control .4 .1 [1],

Secop/Danfoss, _____
_____.6 .25 .
- **Indel Webasto Marine**

_____, - _____.

4)

KIT N° SED00033AA

CRUISE ELEGANCE LINE;

Ø13
(CR EL
) .3 .9 [1].

.1 .4 [6,8] (
"+" "-") .1 .4 [7]

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 • , 0,
) 0 (
 ;
 , ,
 0 , ,
 .

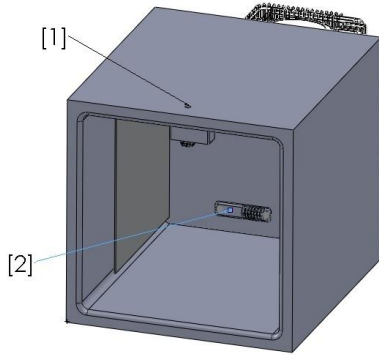
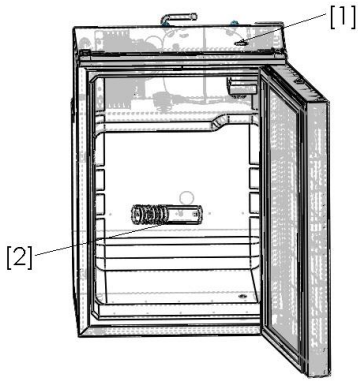
• , . 4 .1 [7], ,
 :
 3 [redacted]).

•
 •
 [redacted bar]
 , ,

•
 .1 [7], , "+" "-" () .4
 :

 3 [redacted]).

.3



[1]:

Ø13

[2]

SED00033AA:

KIT N °

- [5] : .4 .1 ,
- .1 .4 [3] SEC,
- .1 .4 [6] (50-70 , .1 .4 [4])
- Ø13 , , ,

•

.1 . 4 [6,8] (
"+" "-") .1 .4 [7] ,

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0 , ,

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. 4 .1 [7], ,
, : ,

•

3 [redacted]).
[redacted] , [redacted]
,

•

.1 [7], , "+" "-" () .4
: _____

3

KIT N °

SED00033AA:

•

[5] .4 .1

o .1 .4 [3]
SEC,

o .1 .4
[6] (50-70 ,
.1 .4 [4])

•

0

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0,

0

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,"-") .4 .1 [7].

,"+"

- [redacted], [redacted],
[redacted],
- .
"+" "-" () .4
.1 [7], , _____ : _____

3 [redacted]).

5)

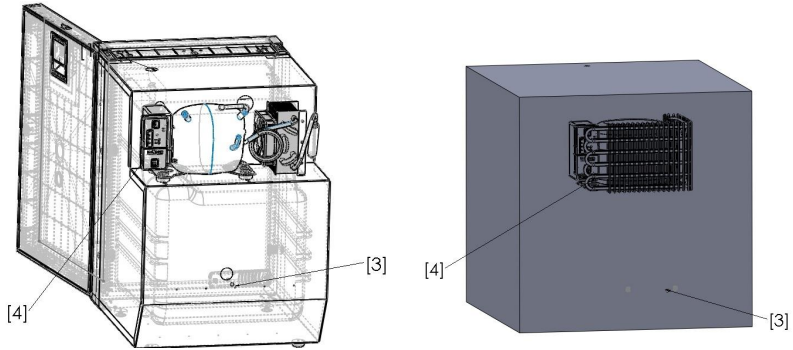
- : .4
.1 [4] ,
- : .1 .4
[4]
- 5 .
- , , ,
;
- .1 .4 [4]
 , .1 .4 [6]
- 50/70 , .1
.4 [4],
- ,
- -

SEC.

•

Ø7 .4 .13 [3],

.4



[3]

Ø7

[4]

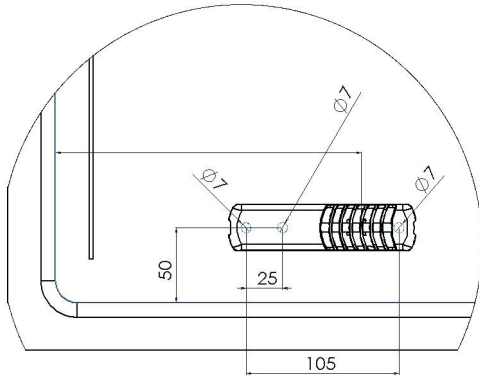
Smart Energy Control

Ø7

.14

.5,

.5



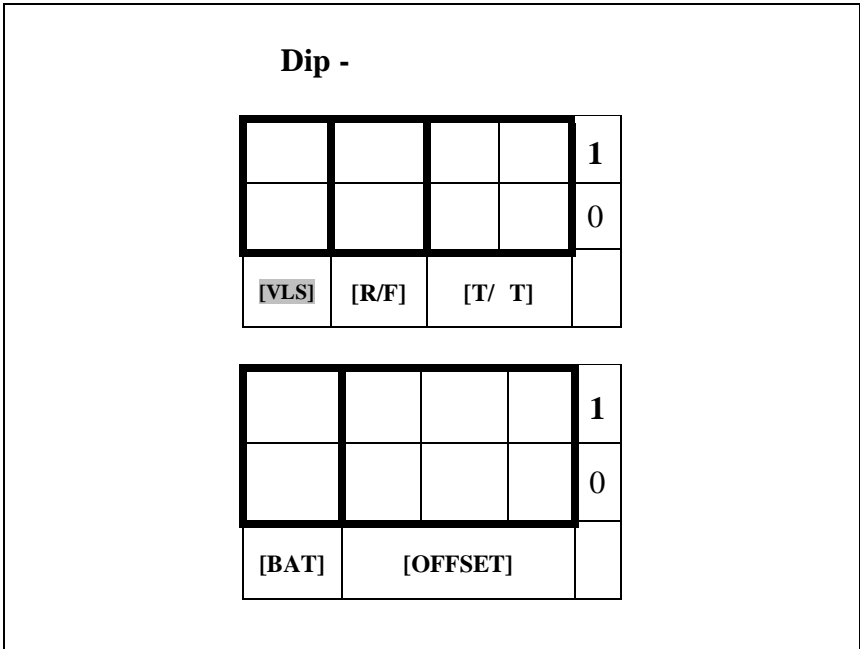
.1 .4 [6]

50/70

2

6) , **DIP-** :

Energy Control ,
 DIP- :
 DIP- ISOTHERM Smart ,



[OFFSET] ,

[BAT] - ,

[T/ T] - /

[R/F] :

[VLS] ,

Smart Energy Control

2 dip- 4
.5 .2 [4]:

OFFSET:

, ,
.
;
, ,
,
,
.
.
[BAT]: ,
,
.
Dip-
.

[T] Delta [T]: Dip-
[T]

. T ,
,
3 ° C

/ [R / F]: Dip-
:

dip -

,

,

.

,

(

).

7)

:

DIP- ,

:

[Bat]		
<input type="checkbox"/>	1	0
<input type="checkbox"/>	0	
<input type="checkbox"/>	1	1
<input type="checkbox"/>	0	

.	(V)	
		:
V.	12Vdc -	24Vdc -
0	V<9,6	V<21,3
1	V<10,8	V<23,6

(I)	:
	,



[VLS]		
	1	0
	1	0
	1	1

		:
	12 Vdc	24 Vdc
0	13,2 Vdc	25,2 Vdc
1	12,7 Vdc	24,7 Vdc

:		
,		
,		

:


[R/F]		
	1	0
	1	0
	1	1

Sel.	[R] / [F]
0	[Refrigerator]
1	[Freezer]

[R] / [F]

:


Dip -

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

Dip -


- 22 ° C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

Dip -


-22°C -18°C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

Dip -


-18°C -16°C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

Dip -

-16°C -12°C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			


Dip -

-12°C

/

:

. [1]:

	<p>T °F(°C) VDC<=13,2(12,7) VDC<=25,2(24,7)</p>	<p>T °F(°C) VDC>13,2(12,7) VDC>25,2(24,7)</p>
	= t= +5	+1
T<-22°C	= t= -16	0
-22<T<-18°C	= t= -14	0
-18<T<-16°C	= t= -10	0
-16<T<-12°C	= t= -8	0
		-

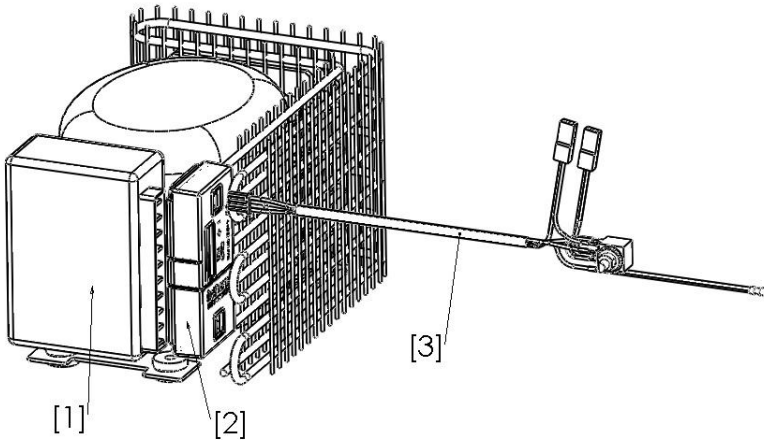
8)

SEC:

Smart Energy Control

- Smart Energy Control
.6 .25 [2]
Secop/Danfoss .6 .25 [1],

.6



- .6 .25 [3],

- SEC .6 .25 [2] .25 [3]

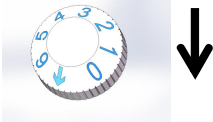
- .5
.2 [3],
(+) (-).

).

(6 - 6),



. [3]:

:	°C	°C
1	8,7 (10)	-4,3 [-1]
2	7,4	-7,6
3	6,1	-11,0 (.)
4	4,8	-14,0 (.)
5	3,5	-17,5 (.)
6	2,2 (1)	-20,8 [-24] (.)
	$V < 13,2(12,7)$ $V < 25,2(24,7)$ $T = t$ $V > 13,2(12,7)$ $V > 25,2(24,7)$ $T = 33,8(1)$	$V < 13,2(12,7)$ $V < 25,2(24,7)$ $T = t$ $V > 13,2(12,7)$ $V > 25,2(24,7)$ $T = \hat{O}$

+ / - 10%,

’ ’
, , .

():



SEC

13,2(12,7) VDC 25,2(24,7) Vdc,

(,

),

24 ,

()

0,5 2

0,5°C

OFFSET,

1,5°C,

				1
				0
[VLS]	[R/F]	[T/ T]		

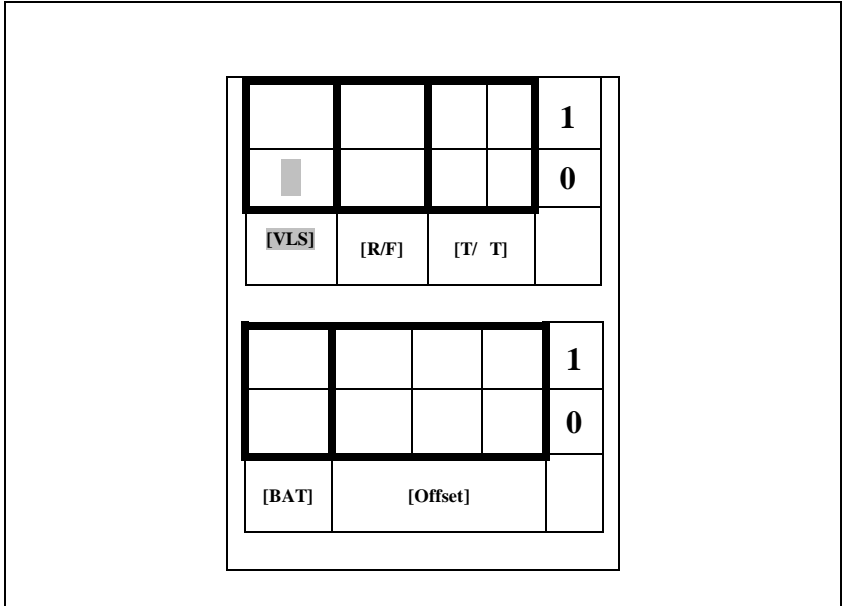
				1
				0
[BAT]	[Offset]			

1,5°C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

OFFSET, 2°C,
1,5°C,



1,5°C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

V<13,2(12,7) V<25,2(24,7) DC

t = 5°C (.4.1 . .35)

:

V<13,2(12,7)


V<25,2(24,7)DC



+ / - 2 ° C (. [1], .24), t . 24.), t 2° (. [1]

, ∴

Dip -
-22 °C -18 °C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

1,5°C

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

2°

t (. . [1]

. 24),

,
,
, ∴

Dip -

-22 ° C

-18 ° C

				1
■				0
[VLS]	[R/F]	[T/ T]		

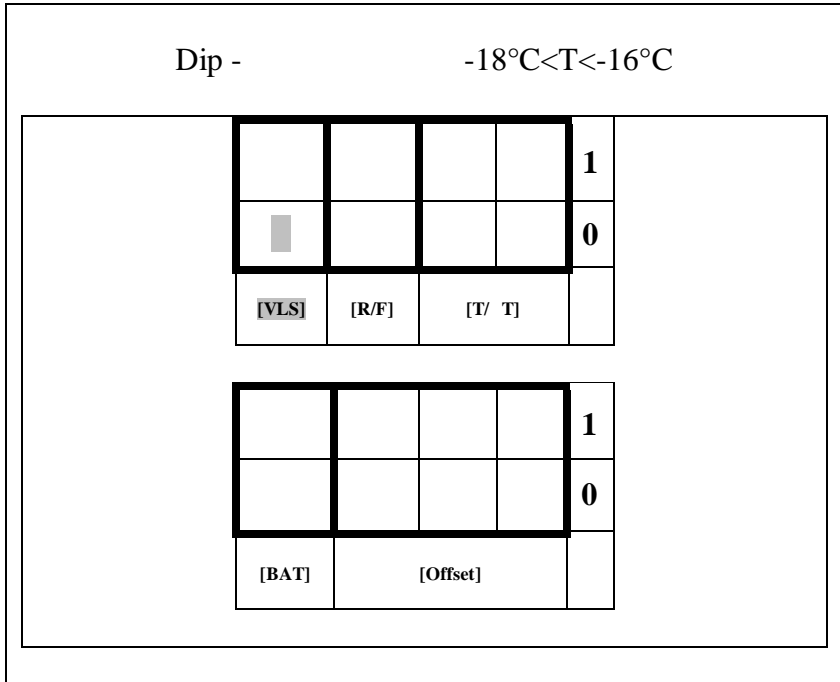
				1
				0
[BAT]	[Offset]			

Dip -

-18°C -16°C

				1
				0
[VLS]	[R/F]	[T/ T]		
				1
				0
[BAT]	[Offset]			

24.), t 2°C , (. . [1] , ∴



Dip -

$-18^{\circ}\text{C} < T < -16^{\circ}\text{C}$

				1
				0
[VLS]	[R/F]	[T/ T]		

				1
				0
[BAT]	[Offset]			

t

:

,

:

. [4]

[T/ T]

		1	0
		0	

		1	1
		0	

		1	2
		0	

		1	3
		0	

. [4.1]:

T/ T (°C)		
	T(°C)	T

0	3	6
1	4	8
2	5	10
3	6	12

. [4.2]:

T/ T (°C)		
	T(°C)	T

0	-8	-5
1	-10	-7
2	-14	-11
3	-16	-13

T/ T (°C)

(I)

[E.S.].

3°

,

:

[Offset]				
			1	0
			0	
			1	1
			0	
			1	2
			0	
			1	3
			0	
			1	4
			0	

. [5]:

.	Offset (°C)
0	-1,5
1	0
2	1,5
3	3
4	4,5
5	6
6	7,5
7	9

(I)

[Offset]:

,

,

,

			1	5
			0	

			1	6
			0	

			1	7
			0	

10)

12Vdc:	9,6 Vdc	17,0 Vdc
24Vdc:	19,0Vdc	31,5Vdc
	-10°C	70°C
	-40°C	85°C

+10°C +1°C

V>13,2(12,7) VDC
V>25,2(24,7) VDC 33,8°F: 1°C,
V<=13,2(12,7) VDC
V<=25,2(24,7) VDC:
= t

V>13,2(12,7) VDC

V>25,2(24,7) VDC

V<=13,2(12,7) VDC

V<=25,2(24,7) VDC

-1°C -24°C

V>13,2(12,7) VDC

V>25,2(24,7) VDC: 0°F(°C)

V<=13,2(12,7) VDC

V<=25,2(24,7) VDC: = t

V>13Vdc

V>25Vdc

V>13,2(12,7) VDC

V>25,2(24,7) VDC

V<=13,2(12,7) VDC

V<=25,2(24,7) VDC

s.r.l.,

Indel Webasto Marine

