

# Landis & Gyr Dialog



Quality and  
environmental approval  
ISO/EN 9001  
ISO/EN 14001

Landis & Gyr Dialog  
ZMD410CT/405CT/402CT  
ZFD410CT/405CT/402CT

## Landis & Gyr Dialog

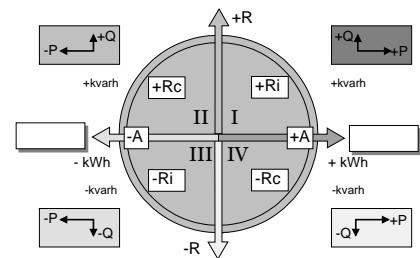
Landis & Gyr Dialog ZMD/ZFD...CT

Metering. Siemens  
ZMD/ZFD...CT

( 15- )

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ZMD.

1, 0.5S 0.2S  
61036 ,  
60687.

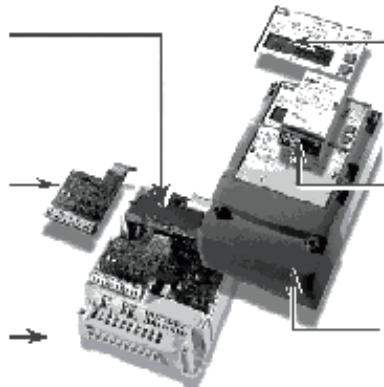
ZMD/ZFD410CT	1.0	1.0
ZMD/ZFD405CT	0.5S	1.0
ZMD/ZFD402CT	0.2S	1.0

## Landis & Gyr Dialog

-40°C.



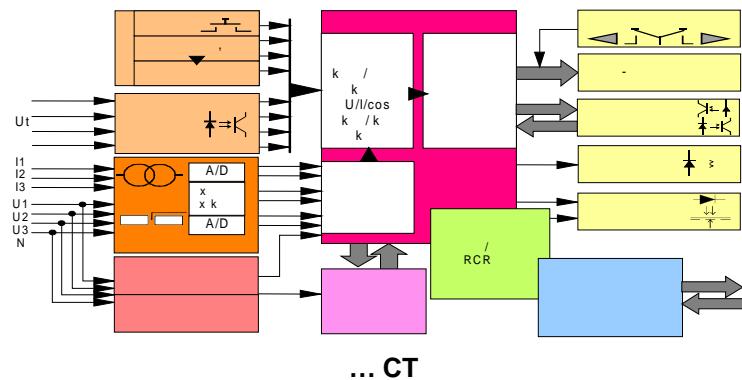
Landis & Gyr Dialog.



Dialog

Landis & Gyr

## Landis & Gyr Dialog



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Landis & Gyr Dialog

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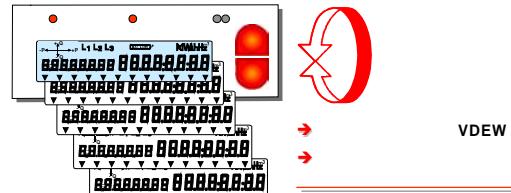
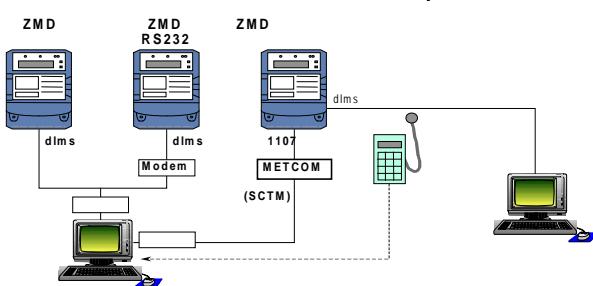
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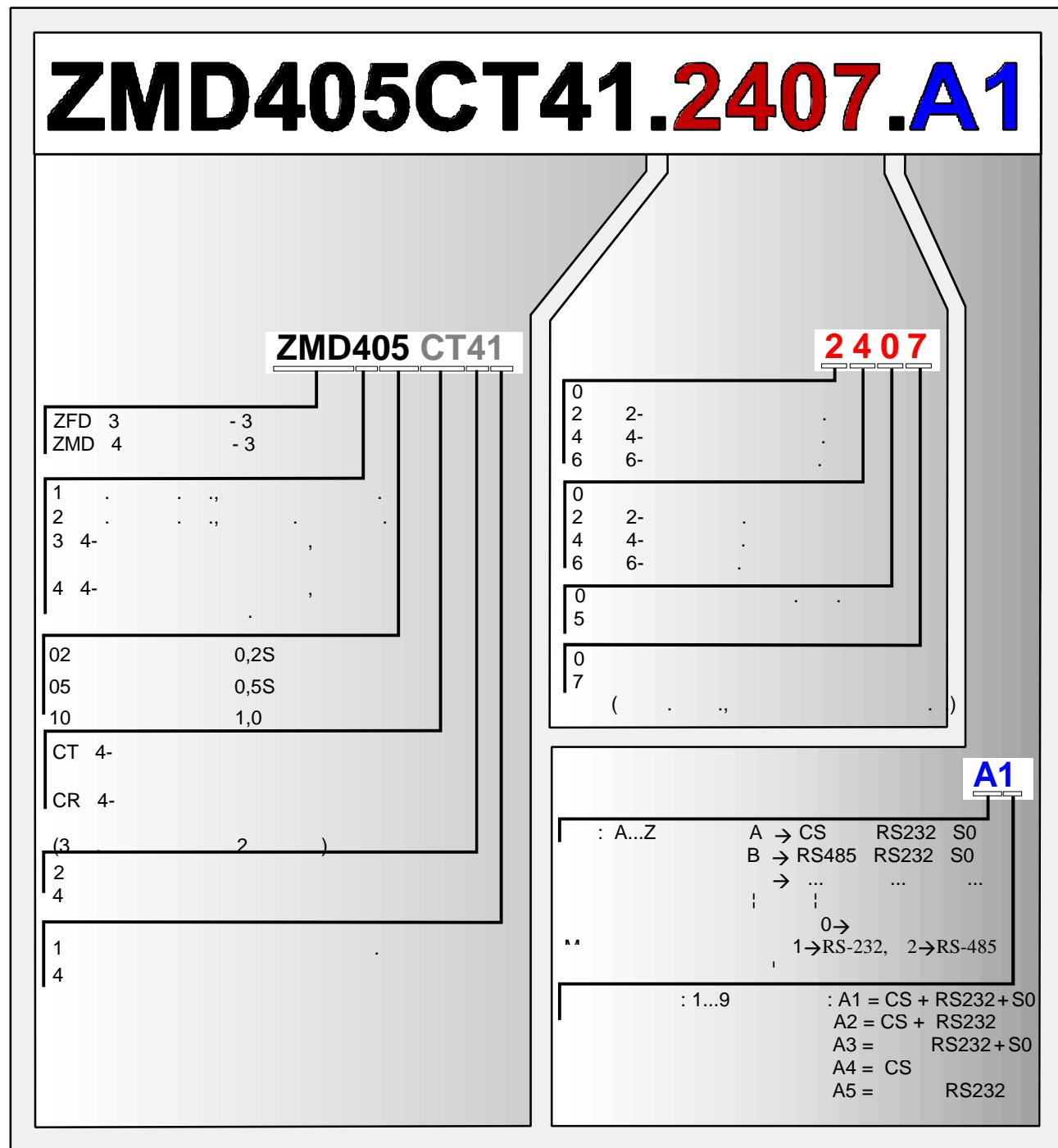
( : CS, S0, RS232, RS485 .)

Landis &

Gyr Dialog  
dlms.



## Landis &amp; Gyr Dialog -



**1****ZMD4..CT4.....****ZFD4..CT4.....****ZMD410CT4... 1**1( )  
1( )**ZMD405CT4... 0.5**0.5S ( )  
1( )**ZMD402CT4... 0.2**0.2S ( )  
1( )

3x58/100 ... 3x240/415

3x100 ... 3x415

:

,

,

:

,

,

,

,

**58****110****240**

0.65

0.70

0.8

1.3

1.7

3.6

58.. 240

I = 1 A, 5A, 5//1A

1A

I

5

0.5

5

0.5

50      60

: 5000 ... 200'000      ./

**8**

, . . :

	M1	M2	M3	M4	M5	M6	M7	M8
QI	□	□	□	□	□	□	□	□
QII	□	□	□	□	□	□	□	□
QIII	□	□	□	□	□	□	□	□
QIV	□	□	□	□	□	□	□	□
QI+QIV+QII+QIII	○	○	○	○	○	○	○	○
QI+QIV-QII-QIII	○	○	○	○	○	○	○	○
QI+QII-QIII-QIV	○	○	○	○	○	○	○	○
L1	○	○	○	○	○	○	○	○
L2	○	○	○	○	○	○	○	○
L3	○	○	○	○	○	○	○	○
L1...L3	○	○	○	○	○	○	○	○

( )  
( )  
( )

L1

L2

L3

, , , , ,

**2****2.1**

- 24
- 8 (1 )
- 15
- 15
- P** ■ 24
- P** ■ 24
- P** ■ 24
- 15
- 
- 
- 
- ( )

**2.2 / (...CT)**

- 3
- , .)
- ( , .)
- 2
- , .)
- ( , .)
- 15

**2.3**

- ( : < 5 ppm)
- 50/60 ( )
- 

/

- (1 ... 60 .)
- (1 ... 60 .)
- ( , .)

( )

- 
- 
- 
- ( , KA/KB, . .)

,

**2.4**

		SuperCap (	)
<b>SuperCap</b>	(	3	
		10	

**2.5**

	▪ $U_{1..3}$	▪ $I_{1..3}$	▪ $I_0$	▪ $f$
			(	)
			(	
			)	

**2.6**

	/
	.
	.
	.
	.
	8
	.
	.
<b>cos φ</b>	4

**2.7**

VDEW	
	▪ 2
	▪ →
	▪
	▪ 61107
	▪ dlms
	▪ ( , )
	▪ 1-
	▪ ( VDEW)
	▪
	,
	▪

**3**

▪ ▪ ▪ ( )

**3.1** /

6-

6.

2

"X"

	0	2	4	6
0				
2				
4				
6				

4-

0/0

**3.2**

▪ 16

▪ 220 ( 15

4-

)

▪ : , ( , , : U, I, f,  $\cos \varphi$ 

)

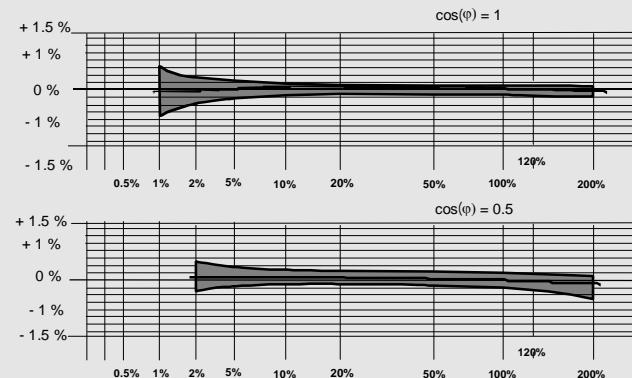
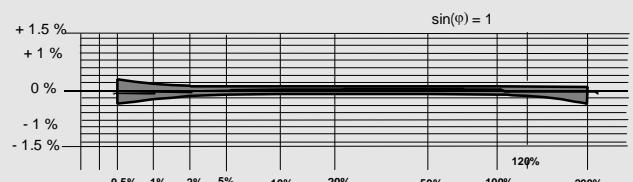
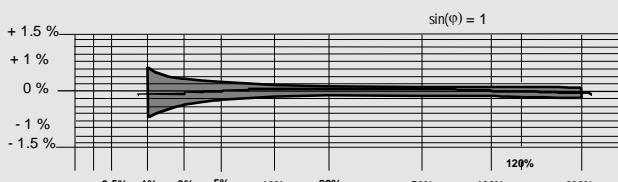
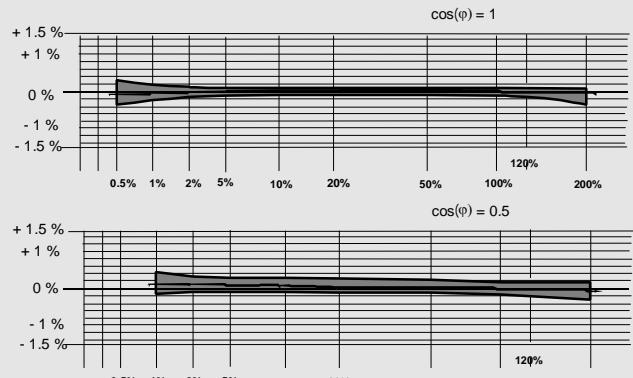
**3.4**

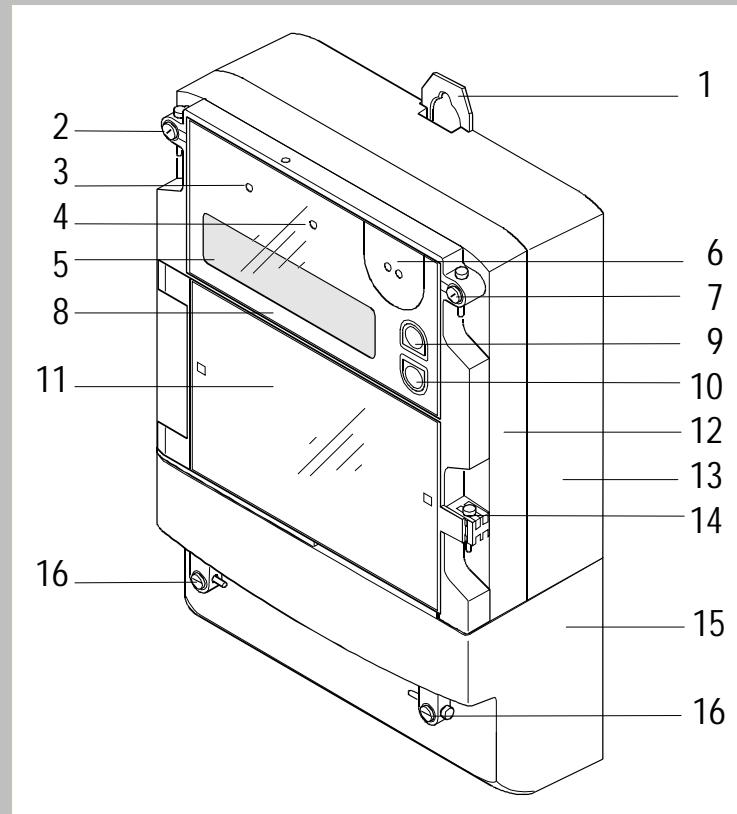
**4****4.1**

- **CS**
- **RS232** RS232,  
**PSTN**, GSM-
- **RS485**
- **GSM/GPRS** GSM-

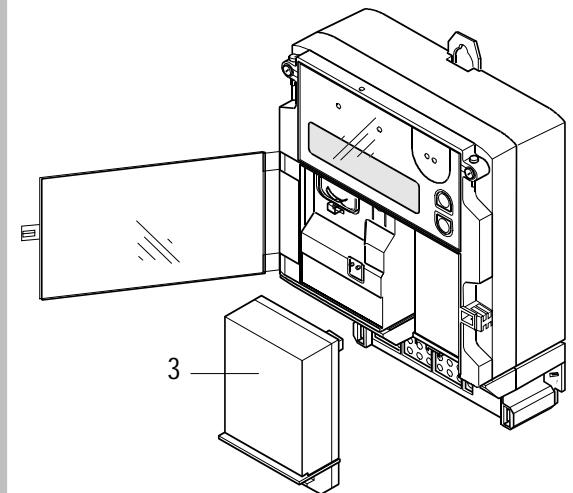
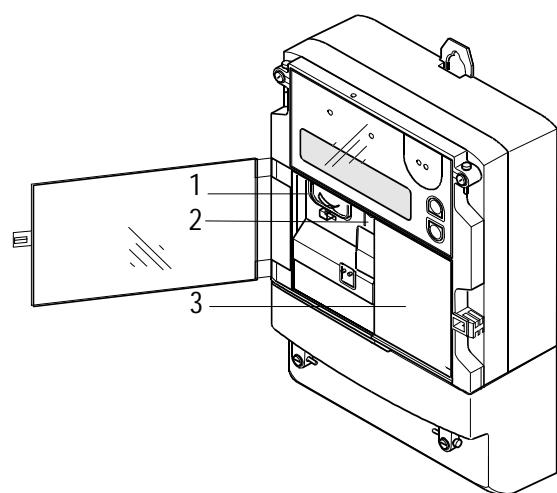
**4.2 S0- ( )**

- **2 SO** -  
3 ( , ).

**ZMD410...CT41... , 1****ZMD405...CT41... , 0,5S**



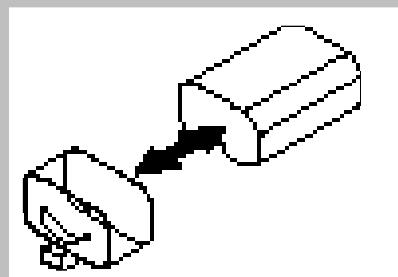
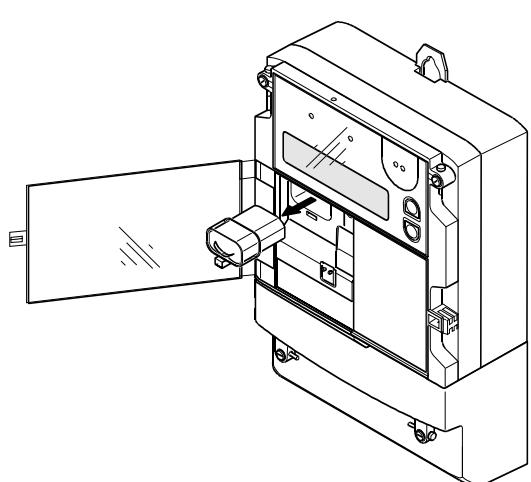
1	(	)
2	-	
3	-	( )
4	-	( )
5	-	
6		
7		
8		
9	" "	
10	" "	
11		
12		
13		
14		
15		
16		



1  
2  
3

R

3 ( )



- : ( 10 )

, ENERGIZER, Lithium EL 223AP • CR-P2  
• 6 V  
> 10

