



61914_2015

(IEC 61914:2009,)



2016

1 « » (8)

2 4 337 «

3 18 2015 . 1859-

4 » (IEC 61914:2009 « cleats for electrical installation». IDT). 61914:2009 « SC 23

« » (IEC).

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1) — « 1.0—2012 (8). (», «

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« ».

Cable cleats for electrical installation

—2017—01—01

1

2

requirements ()
 1*. High-voltage test techniques — Part 1: General definitions and test
 60695-11*5:2004. Fire hazard testing — Part 11*5: Test flames — Needle-flame test method —
 Apparatus, confirmatory test arrangement and guidance () 11*5.
)
 868:2003. Plastics and ebonite — Determination of indentation hardness by means of a
 durometer (Shore hardness) ()
 4287:1997, Geometrical product specifications (GPS). Surface texture. Profile method. Terms,
 definitions and surface texture parameters () (GPS).
 sources ()
 4892-2:2006>. Plastics. Methods of exposure to laboratory light sources. Part 2. Xenon-arc
 2.
)
 9227:2012, Corrosion tests in artificial atmospheres — Salt spray tests ()

3

3.1

(cable cleat):

IEC 60060-1:2010.

4892-2:2013.

3.2	(intermediate restraint):	-
3.3	(metallic):	-
3.4	(non-metallic):	-
3.5	(composite):	-
3.6	(short-circuit current):	-
3.7	(peak short-circuit current)	-
3.6	(initial	(initial
r.m.s.	symmetrical short-circuit current) / ^{1*} :	(initial
3.9	[decaying (aperiodic) compo-	(initial
3.9	nent of short-circuit current] / _{ite} :	(initial
3.10	(steady-state short-circuit current) / [*] :	(initial
3.U	(trefoil formation):	-
8	(5).	-
3.12	(flat formation):	-
3.13	(electromechanical forces):	-
3.14	(retention):	-
3.15	(securing):	-
3.16	(environmental influences):	-
4		-
6		-
5		-
5.1	8) 9.1.	-
9.5.	9.5	-
6.		-
5.2	5.1.	-
5.3		-

5.4

(23;)*

5.5

5.6

6.1

6.1.1

6.1.2

6.1.3

6.2

1—

*
+40
+60
+85
+105
+120

2—

*
+5
-5
-15
-25
-40
-60
120“ -60'

6.3

6.3.1

6.3.2

6.3.3

6.3.4

6.3.5

6.4

6.4.1

6.4.2

6.4.3

9
9.1

a)

b)

c)

d)

e)

9.2

1.

(60

6.4.3 6.4.4.
9.5.

6.4.2.

(300)

66.

2

(V) *

(10)

3.

1.

9.3.

3—

			(±1 %)
	0.5	0.25	200
	1.0	0.25	400
	2.0	0.5	400
	5.0	1.7	300
	20.0	5.0	400

9.3

2

1.

(60)

50%

9.4

() 16 (*1)

(11)

4287.

66

105 (70)

7 R_a

105*

868.

3

5¹¹

1.

*

(5^{1*})

5

9.5

9.5.1

i_p

600/1000

5 6. 4.

(,)

() ~

0.1 .

1 —

2 —

9.5.2 6.4.3 6.4.3

6.4.3.

9.5.3 6.4.4 6.4.4

9.5.2.

2.8 (60 '*)

60060-1. 13.1 14.1.

(100^)

(2 '*)

10

10.1

60695-11-5. 7.

(30°,) :

30

10.2

10.3

11
11.1

6.5.1.2.

5.2

0.51 / (?)

1000
1

700

0.35 / ()

4892-2.
102

18

(65±3) *
(50±10) %.

0.51 / () 0.35 /

340
(38±3) "

30

./

9.2.

6.4.3 6.4.4.

9.1)

11.2

11.2.1

11.2.2.

16 %

13 %

6.5.2.2

4.

11.2.2.

2.5

4—

		5	3.5	24
	**	25	18	192
**				

11.2.2

66

9227

(100±5)

4.
11.2.1
9227.
10

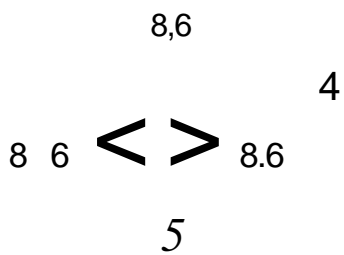
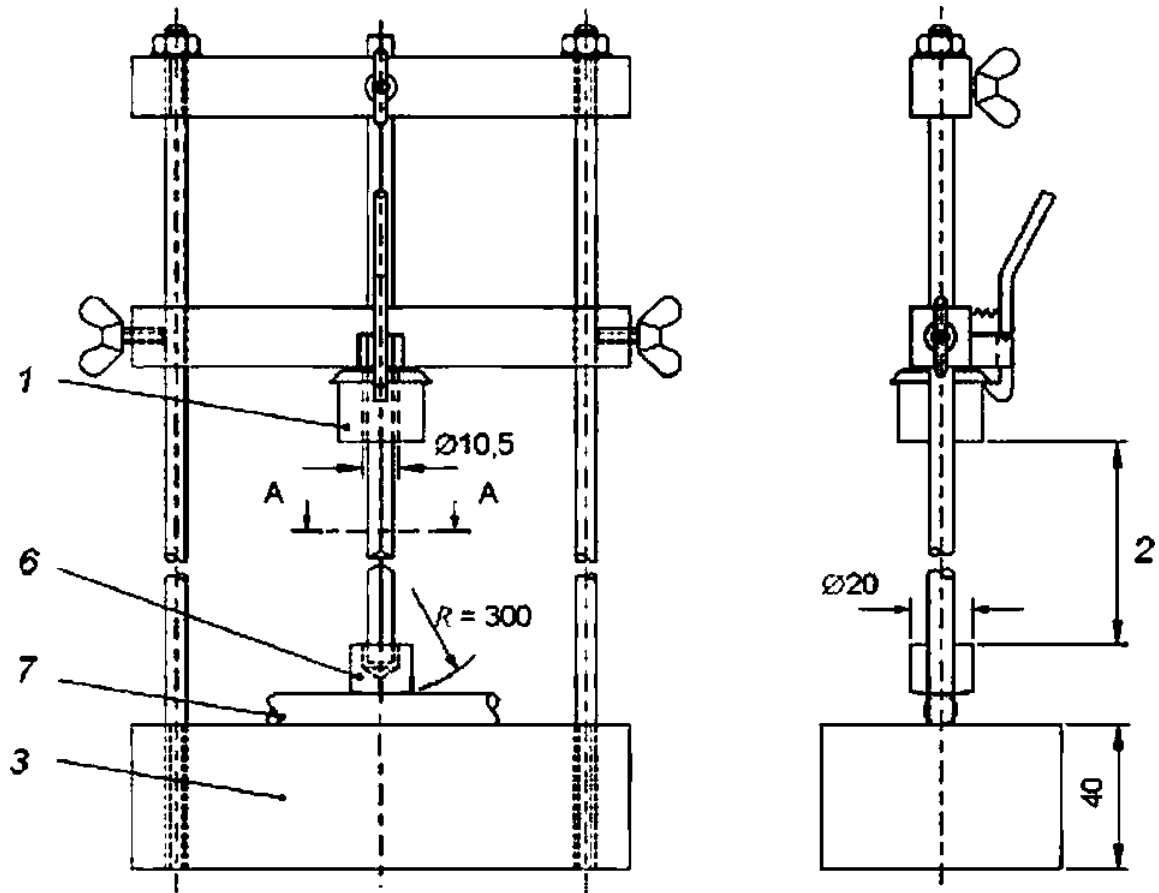
(NSS)

12

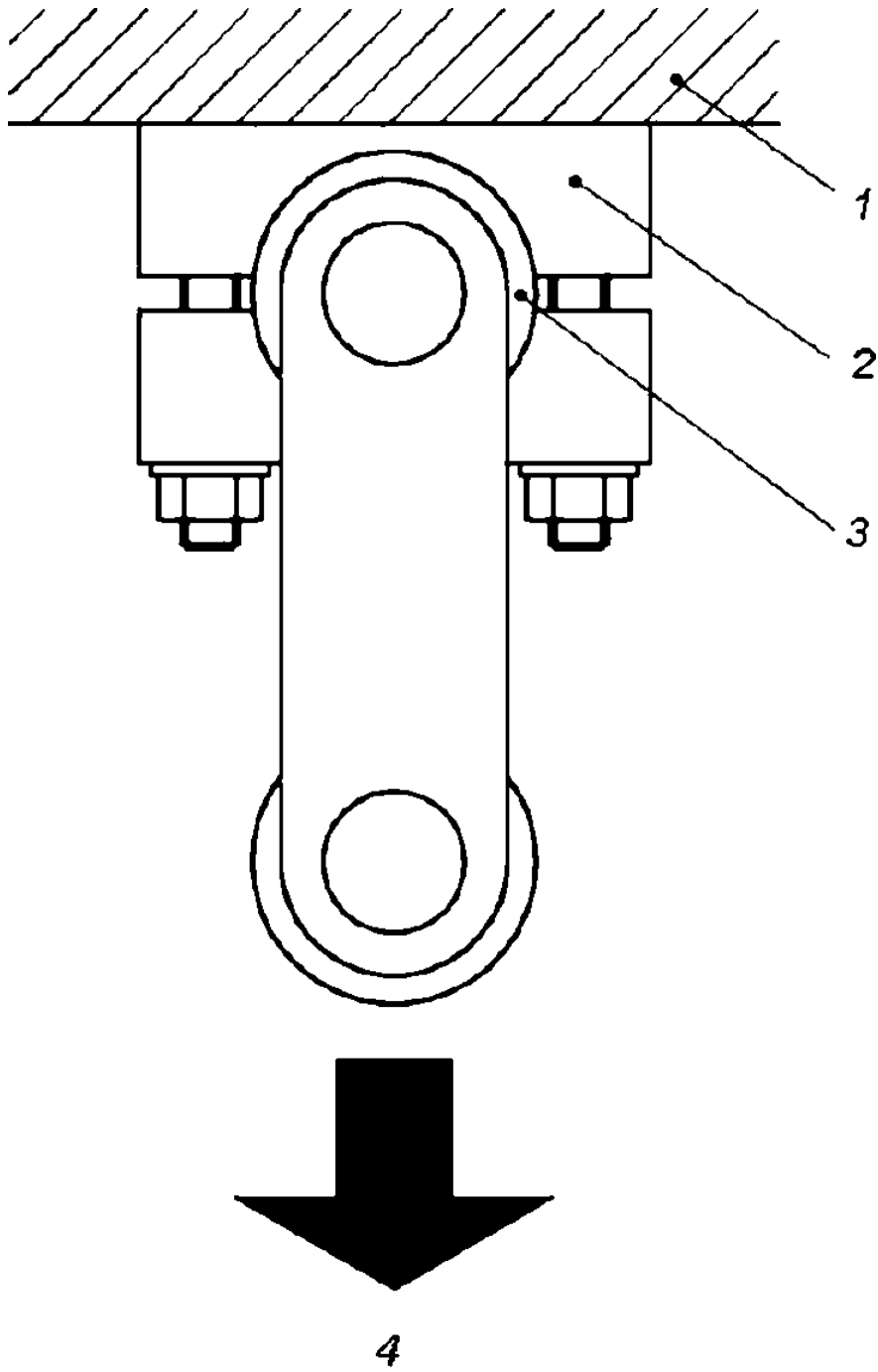
12.1

12.2

(, ,)

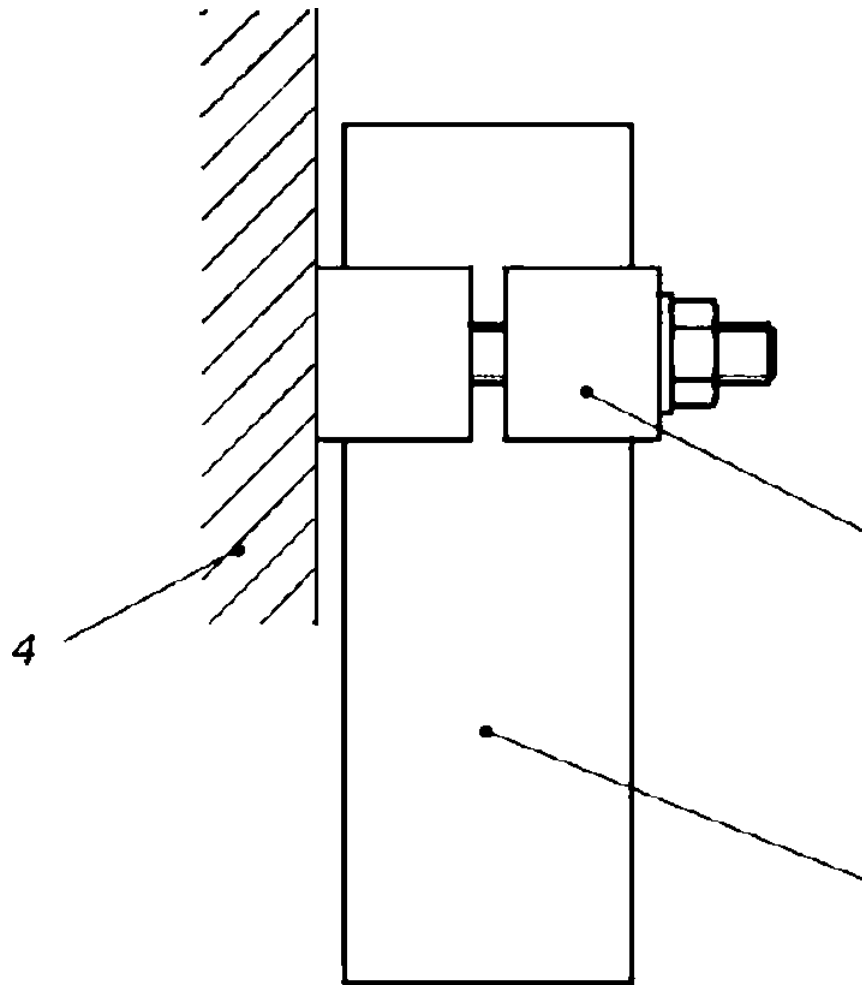


1— :2— { . 3); 3— :4— :
 5— - :6— ;7— :
 1—



1— :2— ;3— :4—

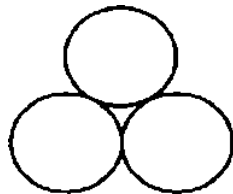
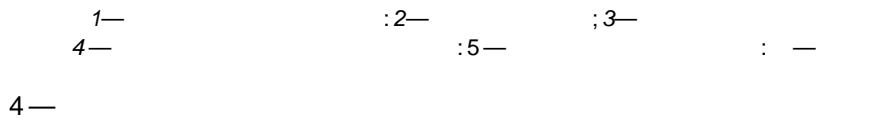
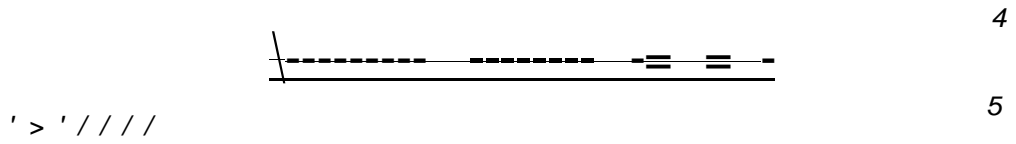
2—



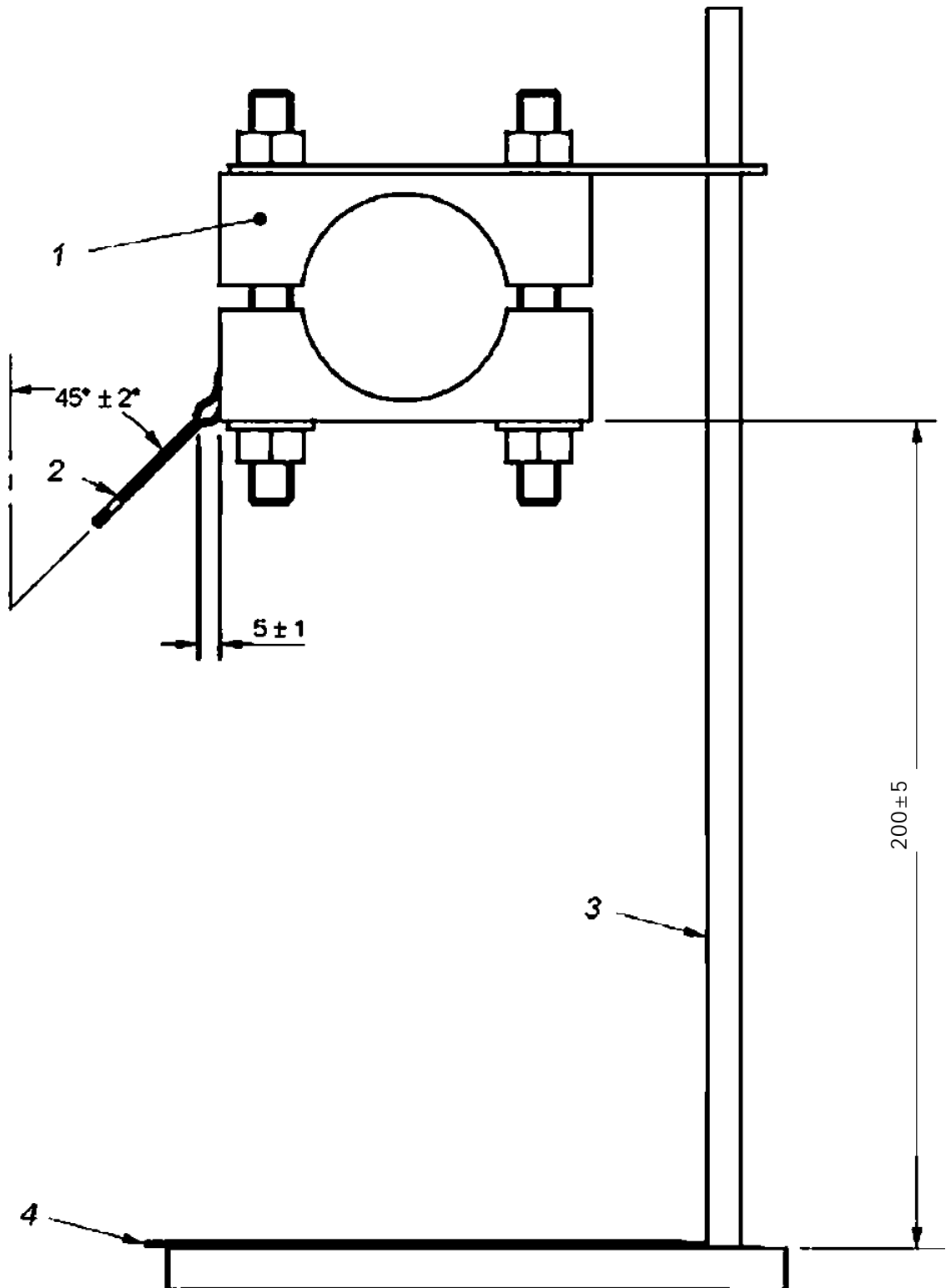
3

1—« :2— :3— : —
3—

2



6—

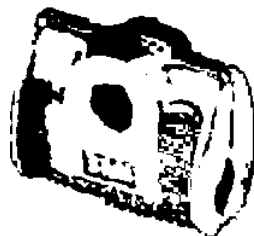


1 — :2 — :3 — :4 —

7—



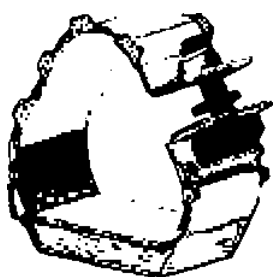
1



2



3



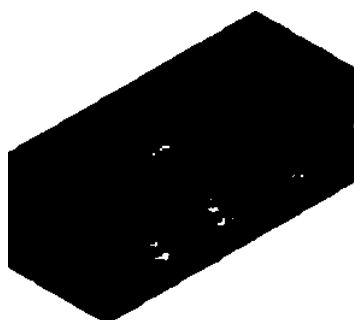
4



Рисунок А.5



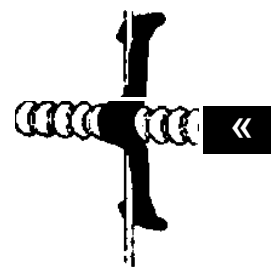
Рисунок А.6



7



8

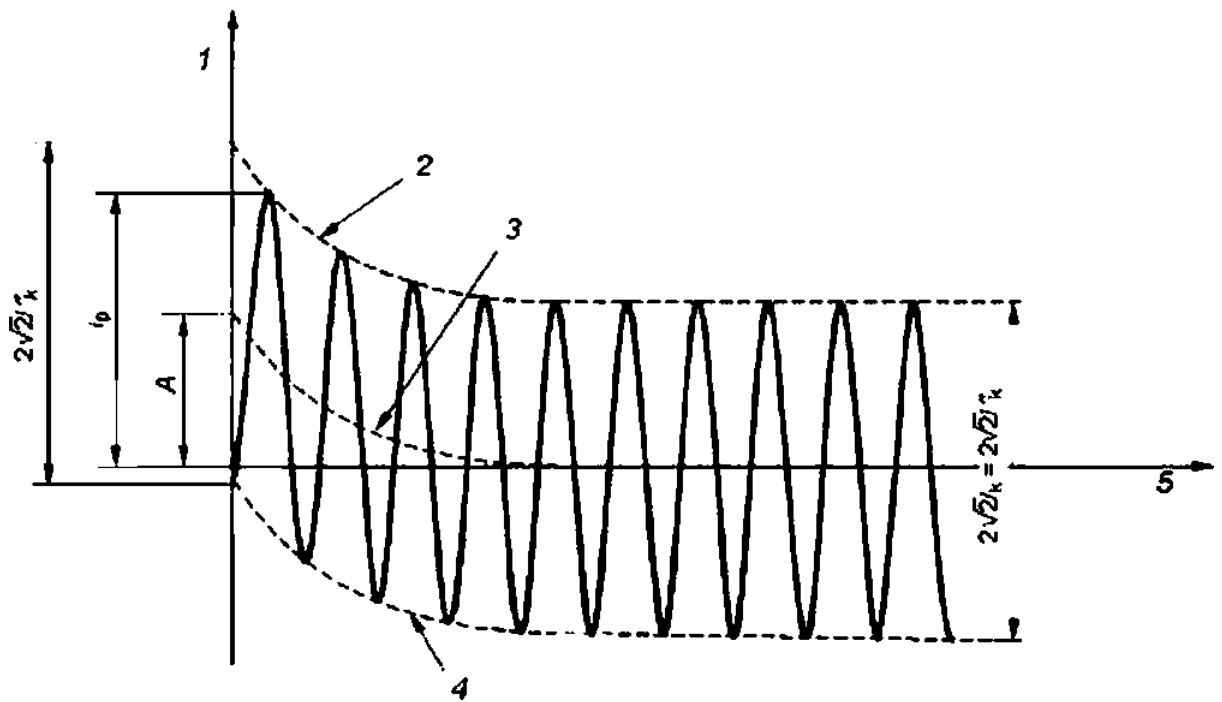


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.1
61363-1.
60909-0.

60909

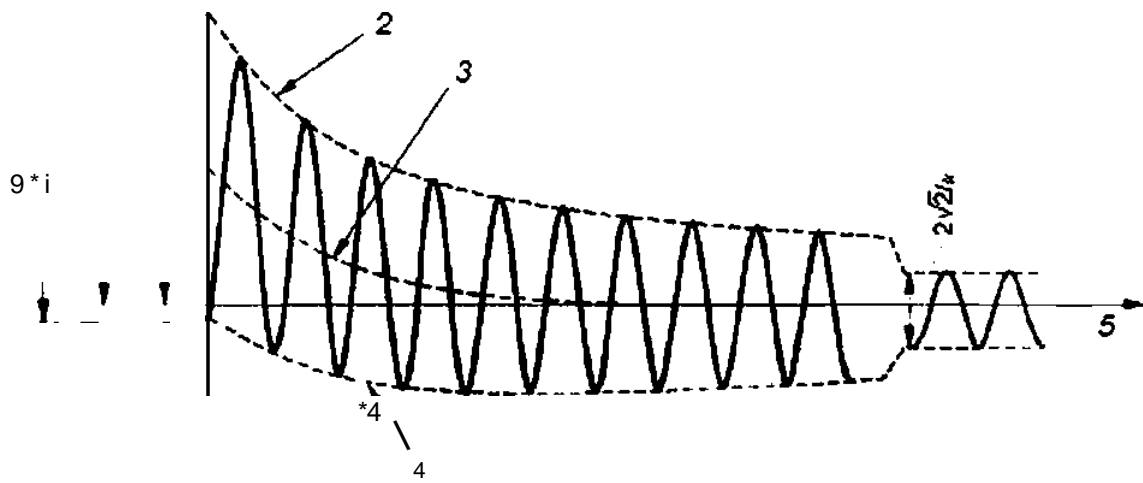
(= ft)



1 — ; 2 — ; 3 — ; 4 — ; 5 — > ;
 — ;
 .1 — ;

(, > /₀).

.2



1— :2— :3— :4— :5— :
 — : iac

2—

2

i_B

i_p

L

8.3

(.1)

1— :
 $F(t)$ —
 (0) —
 $I(t)$ —

(.1).



$$\text{Вар}_0 H = \rho i |I|^2 - T T' S. \quad (2)$$

$$\text{©} 4 \cdot 10^7 (I),$$

$$I^2 \cdot S. \quad (3)$$

$$F, \gg 0.2 \cdot \rho i t / S. \quad (4)$$

$$I, j' - b k A m S - b \quad (4) \quad S \gg d.$$

(.)

1 *

(2)

$$\ll 0.16 \rho i t / S \quad (5)$$

$$\ll 0.17 \rho i t / S \quad (6)$$

$$F, \gg 0.1 \rho i t / S, \quad (7)$$

$F,$ —

i —

$F_i,$ —

i —

$F_{ir},$ —

i —

$F,$ —

i —

i_p —

d —

S —

», .

.1

	-	
60060-1:1989	—	
60695-11-5:2004		IEC 60695-11-5—2013 « 11-5. »
668:2003		24621—91 (868—85) « ()»
4287:1997		4287—2014 « (GPS). »
4892-22006	—	•
9227:2012	—	•
<p>•</p> <p>—</p> <p>• —</p> <p>• MOD —</p>		

60909-0:2001.

— 0:

61363-1:1996.

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— 1:

696.6:006.354

29.120.10

17

3402

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08.02.2016. 60x84/».
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