



62275  
2015

(IEC 62275:2013, )



2016



Systems for cable management. Cable ties for electrical installation

— 2017 — 01 — 01

1

2

60088-2-6:2007. Basic environmental testing procedures. Part 2: Tests. Test Fc: Vibration (sinusoidal) 2.  
 (sinusoidal) (FC. ( ))  
 60695-11-5:2004. Fire hazard testing — Part 11-5: Test flames — Needle-flame test method — Apparatus, confirmatory test arrangement and guidance ( 11-5.  
 )  
 60216-4-1:2006. Guide for the determination of thermal endurance properties of electrical insulating materials — Part 4: Ageing ovens — Section 1: Single-chamber ovens ( 1:  
 no 4:  
 1: ( )  
 4892-2:2006". Plastics. Methods of exposure to laboratory light sources. Part 2. Xenon-arc sources ( 2.  
 )  
 9227:2012. Corrosion tests in artificial atmospheres - Salt spray tests ( )

3

3.1 (cable tie):

, / .  
1— 1 2 6.2.2 6.2.3

2 — , . UL 62275/CSA 222 62275.

3.2 (fixing device): ( ).

1 —

1

4892-2-2013

3.3 (metallic component),  
 3.4 (non-metallic component),  
 3.5 (composite component),  
 3.6 (environmental influence),  
 3.7 (loop tensile strength),  
 3.8 (locking device),  
 3.9 (low hygroscopic polymer),  
 23 \* 50 %—  
 1 — 12.  
 3.10 (equilibrium moisture content),  
 23 \* 50 %—

**4**

6.

**5**

## 5.1

6.

## 5.2

(23±5) "

(50±5) %

1.

1 —

(RT),	,
RT<1.2	7±1
1.2<RT<1.4	21 ,
1.4<RT	35 ;
	2±1/3

1.

(23±5) "

(50±5) %

1.

a)

b)

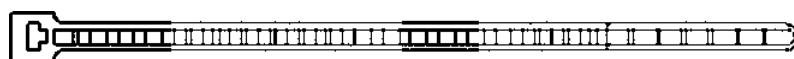
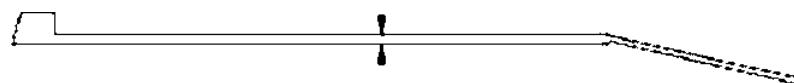
c)

80 %;

50 \*

(23 ± 5) \*

(50 ± 5) %



5.3

(23±5) °

40 60 %.

5.4

5.5

5.6

5.7

60216-4-1.

5.8

6.2.2

6.2.3

9.7.

7.3 f).

5.9  
9.

2.

2.

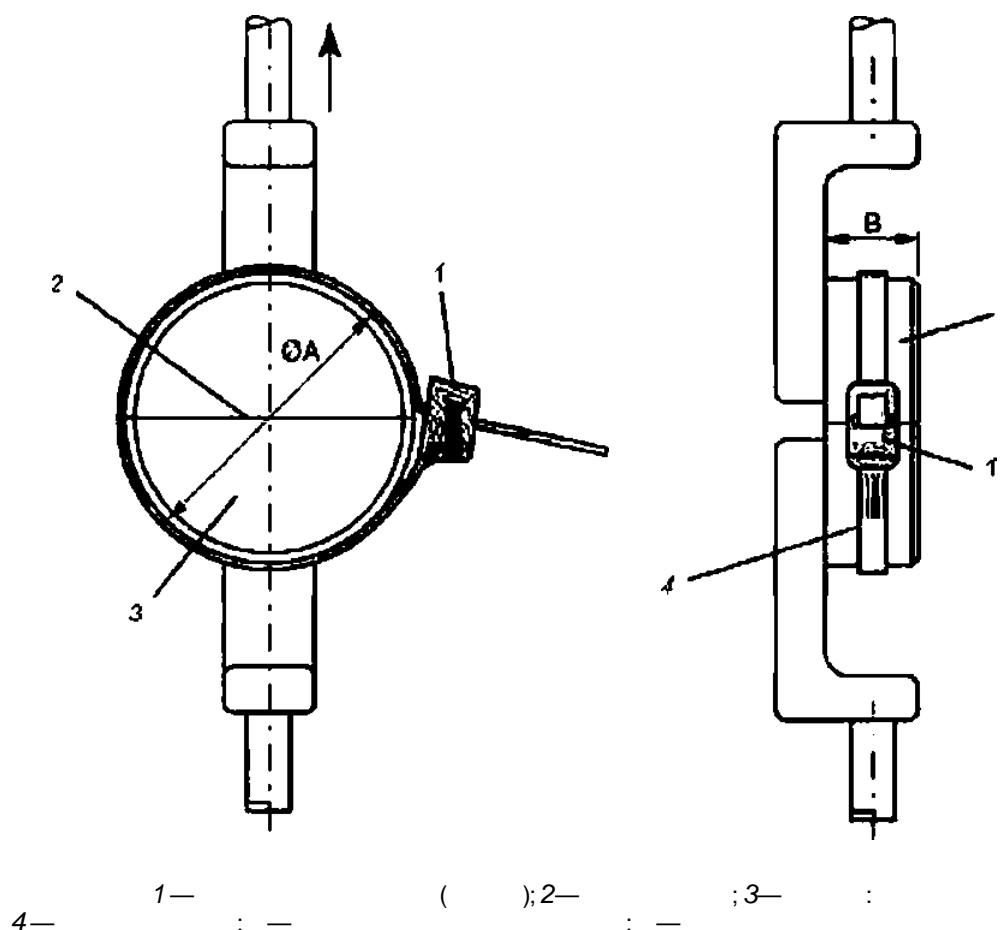
5

2—

	( ),
<20	9.511
>20 <38	20±2
>38	38±2

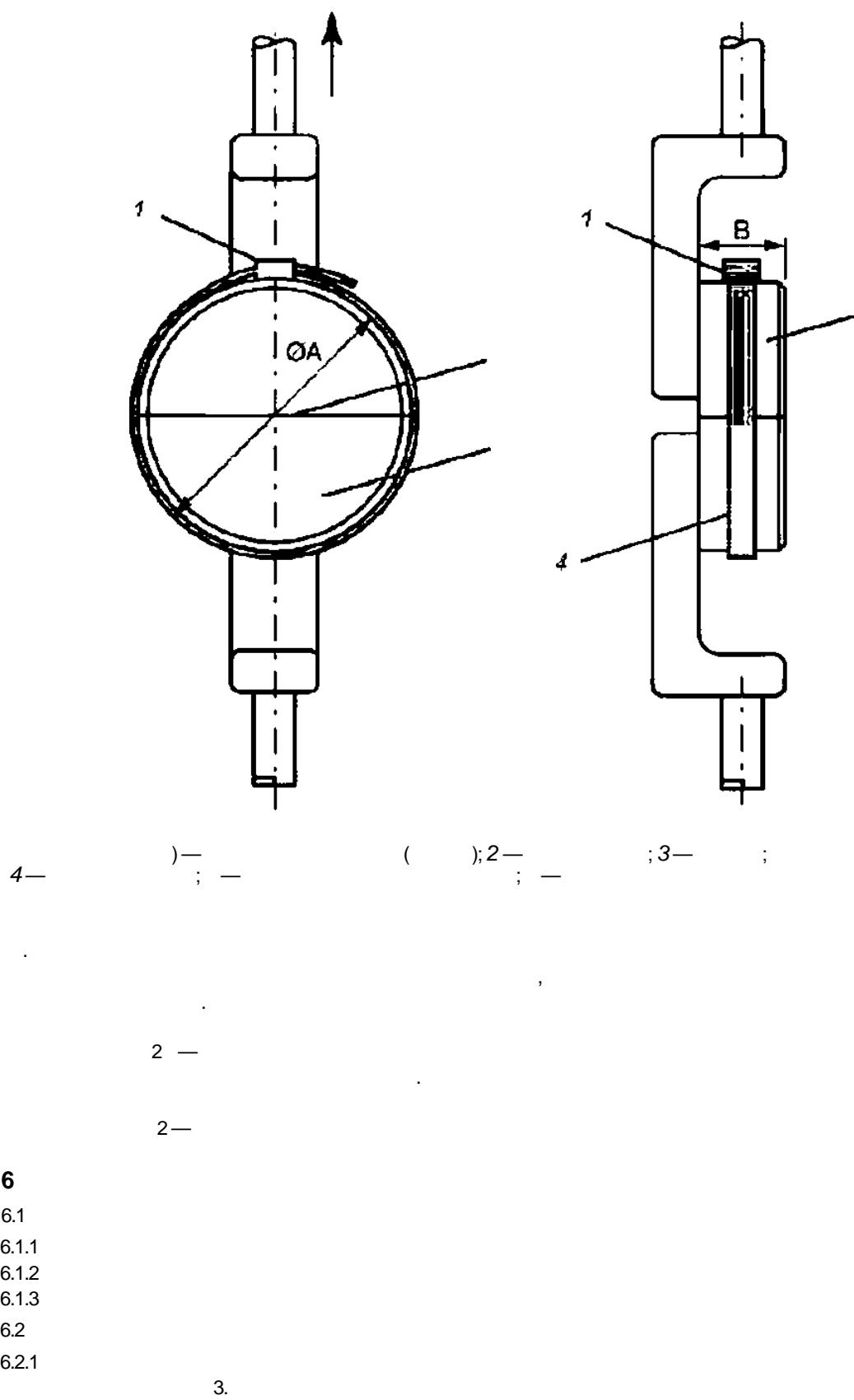
2 .

( )  
( . 9.6).



4—  
1—  
2—  
3—  
( ); 2—  
; 3—  
;

2 —



3—

50	530
80	800
130	890
180	1150
220	1300
360	2200
450	

6.2.2 1— , .50 %

6.2.3 2— 100 %

6.3 — , , UL 62275/CSA 22.2 62275.

6.3

6.3.1

4

4—

Температура, °C
50
60
75
85
105
120
150

150 \*

6.3.2

5

5—

Температура, °C
0
-5
-15
-25
-40
-60

6.3.3

6.4

6.4.1

6.4.2

6.5

6.5.1

6.5.1.1

6.5.1.2

6.5.2

6.5.2.1

6.5.2.2

**7**

7.1

1 —

2 —

7.2

15

15

7.3

6.

**8**

5.8.

**9**

9.1

/

9.2:

9.3

6.1.2 6.1.3:

9.4

6.1.2 6.1.3:

6.2.2.

9.5.

6.2.3.

9.6.

6.1.1.

2

6.2.3.

9.7.

9.2

5.2

9.3

(72 ±1)

± 2 \*

2

9.4

5.9.

5

±2 \*

V

3.

5.2

(12±2)

10

3.

6.

6—

	S80	>60-180	>180-230	>230-540	>540-1300	>1300
	0.14	0.35	0.7	1	2	5
,	0.25	0.25	0.25	0.25	0.5	1.7
, ±1%	56	140	280	400	400	300

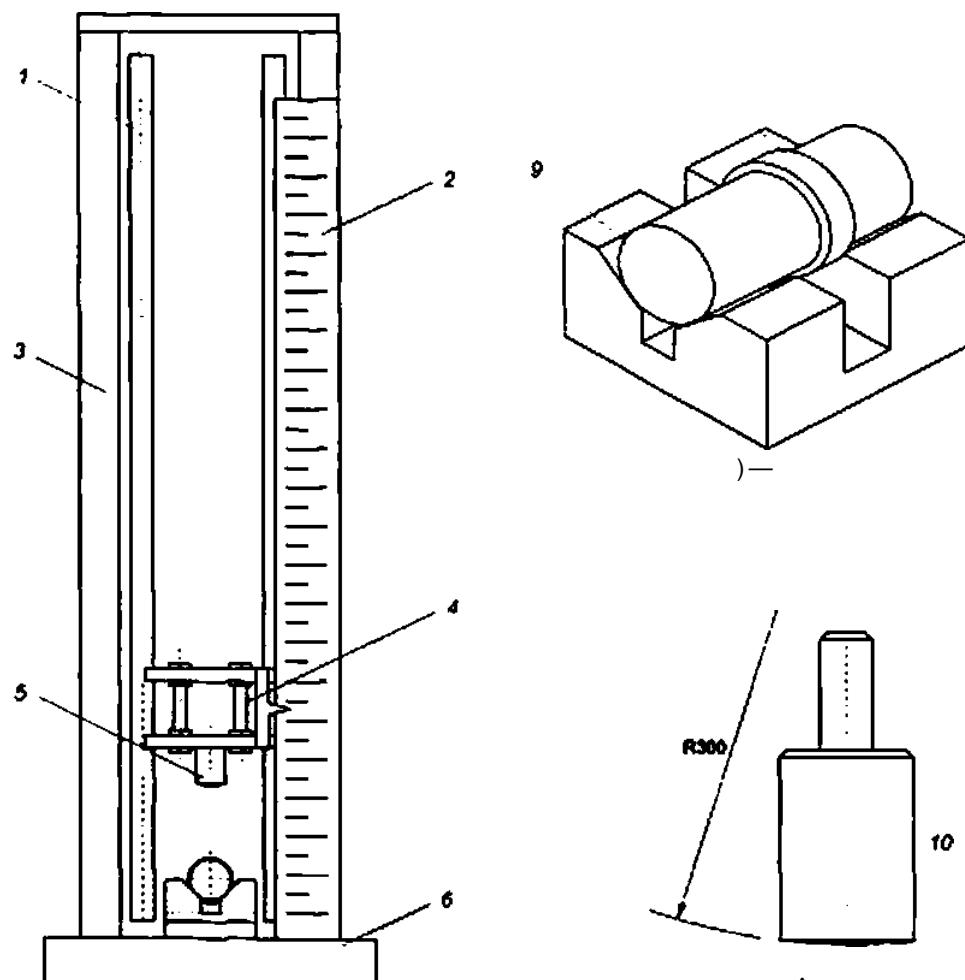
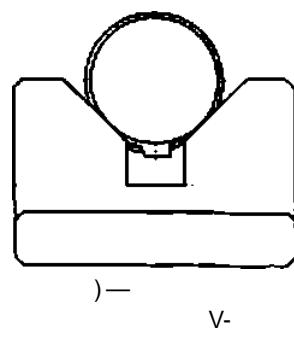


Рисунок 3а) — Испытательный стенд

3д) —

7



V-

1—	2—	3—	4—	5—	:
9—	6—	7—	8—	(V- ) ; 10—	:
V				V-	
3—					

9.5	,	6.2.2	
9.5.1	,	5.9.	
	,		
6.2.	,		
9.5.2	,		
	,		
(15±1) *	(1000*)	5.9.	5.2.
	,		
6.2.	,	50 %	
9.5.3	,		
	,		
	,	5.9.	
	,		
a)	) f) 120-130	4 5	:
	,		
b)	4.	** o :	
	,		
c)	60-70	5.	
	,		
*	:		
0	) : ).	(18*)	:
	) )		
	5.2.		
	,		
	,		
6.2.	,	50 %	
9.6	,		
9.6.1	,	6.2.3	
	,		
	,	5.9.	
	,		
(60 *)	,		
	,		
	,		
7.9	5.6 ( 450 ) 450	1.6	1.6
	,	,	
5	1.6	5	

9.6.2

5.9.

5.2

(15±1)\* (1000'\* )

5.2.

9.6.3

8 (60\*)

9.6.1.

(23±2) \*

(50±5) %

5.2

a)

48

(90±5) %

b)

(40±2)

48

c)

8

(-35±2) "

d)

64

5.2.

9.6.4

(60\*)

9.6.1.

5.9.

9.6.3.

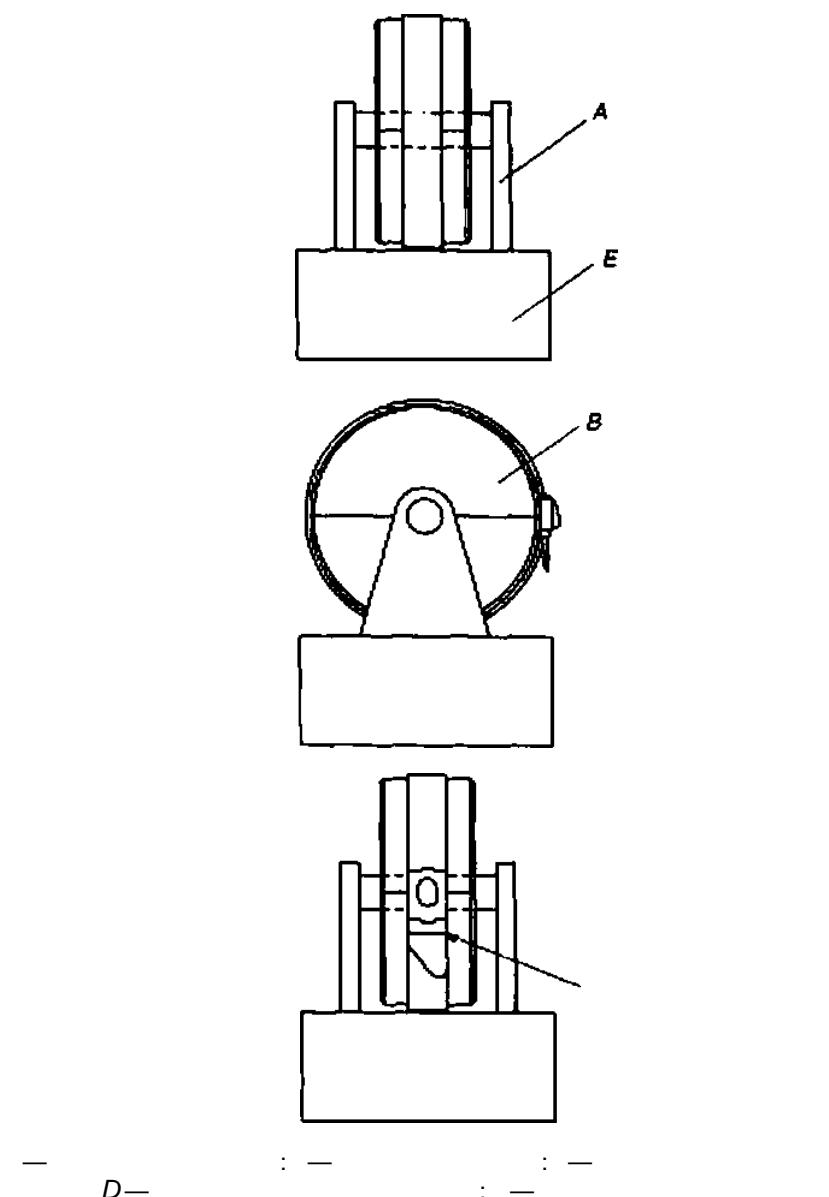
4).

60068-2-6:

$$\begin{array}{r} ; \quad 10 \quad 150 \\ - \quad 8 : 10 \quad \quad \quad 1 \\ - \quad \quad \quad : 50 / 2 : \quad : 0,35 \quad ( \quad 0,7 \quad ) : \\ \bullet \quad \quad \quad 58-62 \end{array}$$

(60\*)

9.6.1.



—  
9.7

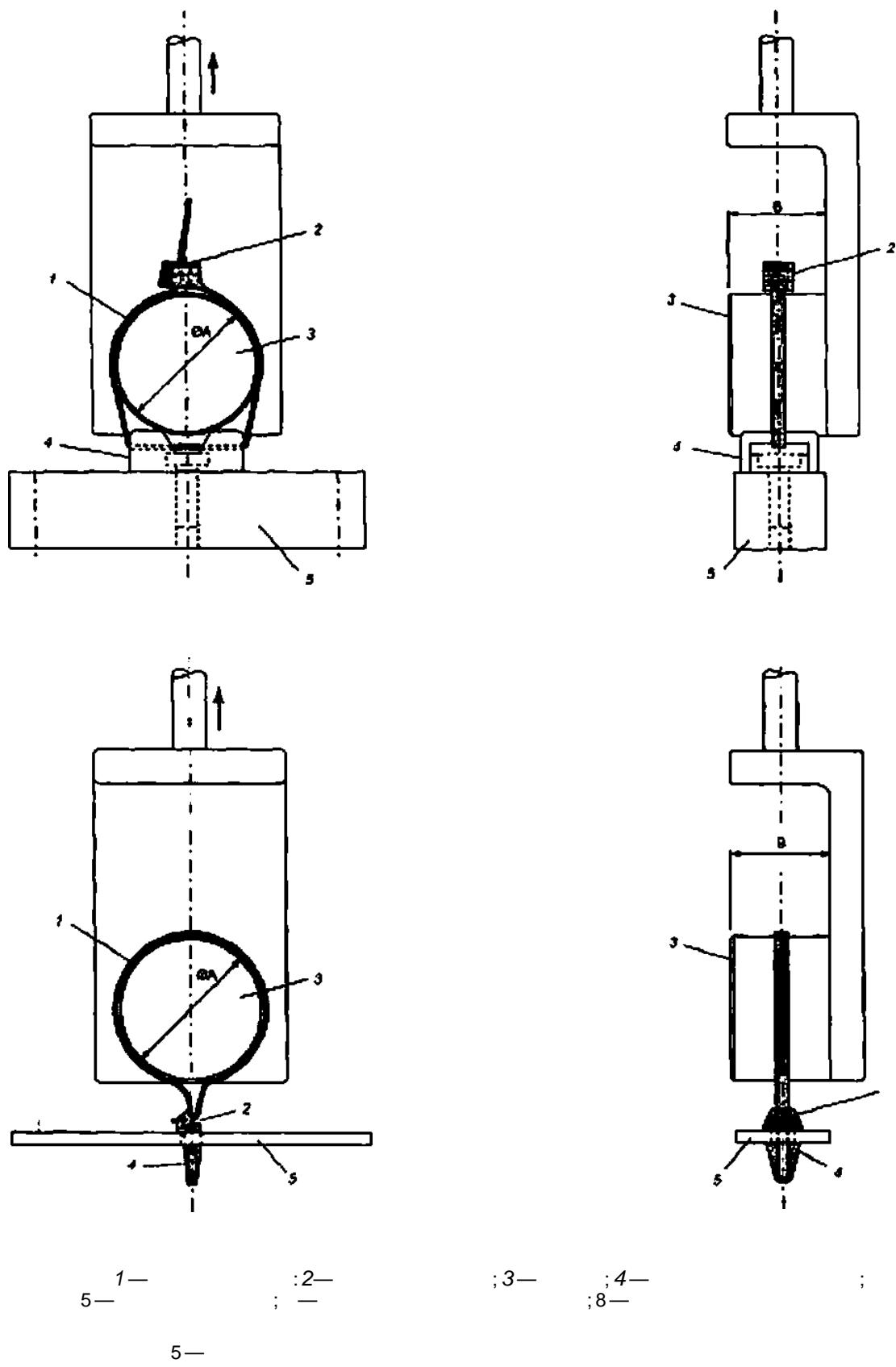
9.7.1

5.9.  
5 ( . 5.8).

6.2.2,

6.2.3,

(60\*)



9.7.2

5.9.

5.2

(15±1) \*

(1000\*\*) .

4.

5.2.

, 50 %

6.2.2.

, (60\*) .

6.2.3.

9.7.3

5.9.

5.2

9.5.3.

6.2.2.

, (60\*) .

6.2.3.

**10**

6.4.2,

5.9.

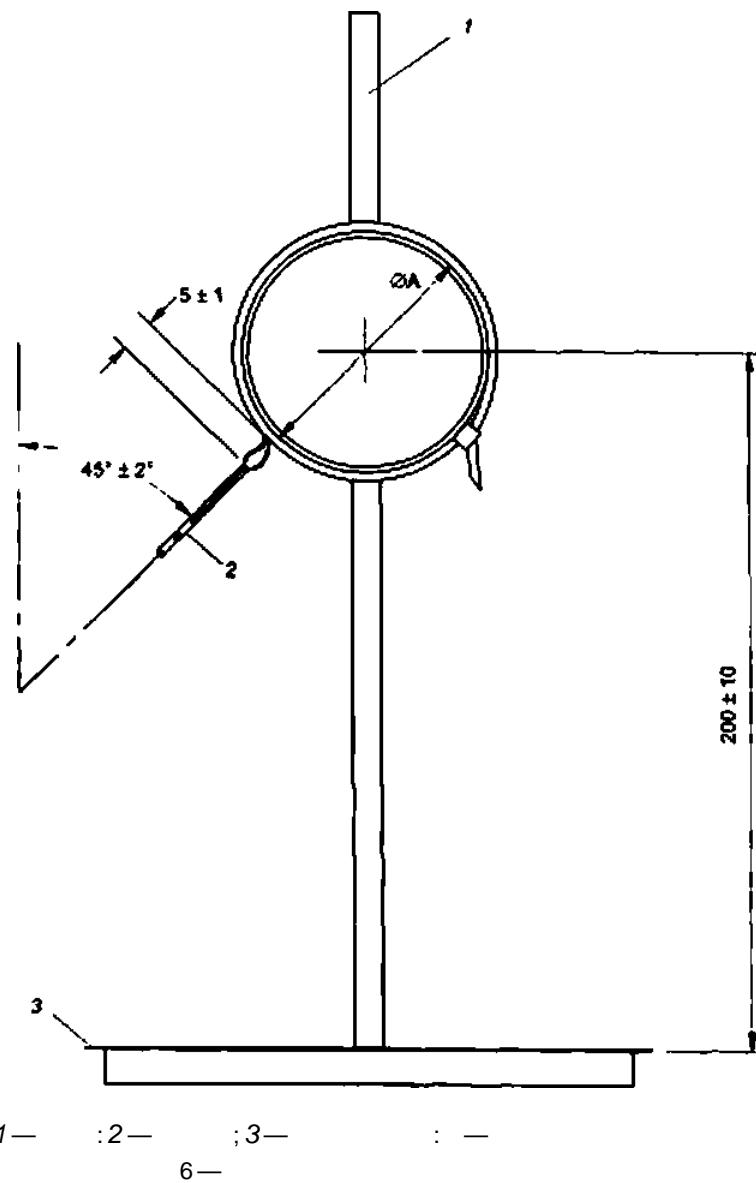
6.

60695-11-5

30

• 30 ,

6.4.2.

**11**

11.1

11.1.1

6.5.1.2.

6.5.1.2.

5.9.

11.1.2.

5.2

250

250

200

7

1112

1

1000

18

340

(45+)

4892-4

11.1.3

112

11.12

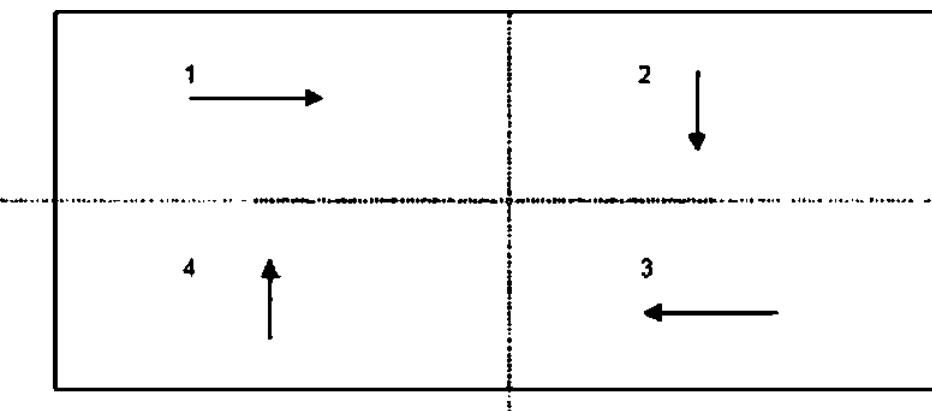
52

## 6.2.2

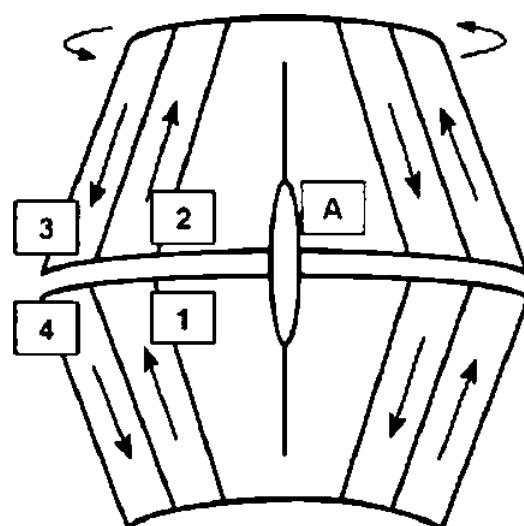
50 %

6.2

623



7 )—



7 )—

7 —

11.2

6.S.2.2.

5.2

9227

192

(NSS)  
(40±2) \*

12

9.5.2. 9.6.2      9.7.2

5.2.

6.2.2 ( 1).

9.5.1.

6.2.

, 50 %

9.6.1

6.2.3 ( 2).

9.6.1.  
9.7.1.

11.1

11.2

11.2

11.2.

**12**

).

( )

62275:2006

622752006. 622752013.

.1—

7.1		
7.2		
7.3		
8		
9.2		
9.3		
9.4		
9.5.1	6.2.2.	
9.5.2	6.22.	
9.5.3	6.22.	
9.6.1	6.2.3.	
9.6.2	6.2.3.	
9.6.3	6.2.3.	
9.6.4	6.2.3.	
9.7.1		6.2.2 2 5.8
9.7.2		6.2.2 2 5.8

		1
9.7.3		6.2.2 2      5.6
10		6.4.2
11.1		
11.2	) ( -	

( )

.1

60063-2-62007	—	•
60695-11-5:2004		IEC 60695-11-5—2013 « 11-5. »
60216-4-12006	—	•
4692-2:2006	—	•
9227:2012	—	•
*		
	—	
	:	
	• IDT —	

62275:2006  
(1 62275:2006}  
management systems —  
ties for electrical installations)  
UL 62275'CSA  
22.2 N<62275  
tor electrical installations)  
—  
( management systems — ties

696.6:006.354

29.120.10

17

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3.26. 32 . 4307.

« »

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