

( )

INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION  
(ISC)

**IEC**  
**60998-2-2**  
**2013**

2-2

,

**(IEC 60998-2-2:2002, IDT)**



2014

1.0—92 «  
 1.2—2009 «  
 »  
 1  
 « - » ( « »), « -  
 ( « ») -  
 5.  
 2  
 ( )  
 3  
 14 2013 . № 44-2013) ( -

no ( 3166) 004—97	( 3166)004—97	
	AM KG RU TJ UZ	T

4 2014 . № 343- IEC 60998-2-2—2013 15  
 2016 .  
 5 IEC 60998-2-2:2002 Connecting  
 devises for low-voltage circuit for household and similar purposes - Part 2-2: Particular requirements for  
 connecting devices as separate entities with screwless-type clamping unit ( 2-2.  
 ).  
 ( ).  
 ( ).  
 6 31195.2.2-2012 (IEC 60998-2-2:1991)



IEC 60998. \*

».

«

IEC 60998 1:

IEC 60998-1.

IEC 60998-1 «

1. »

1

2\*2.

: « » « », \*

1. 101. \*

1.

101.

( ). \*

Connecting devices for low-voltage circuit for household and similar purposes. Part 2-2:  
Particular requirements for connecting devices as separate entities with screwless-type clamping units

— 2016—01—01

**1**

IEC 60998-1

:

(IEC 60996-2-3),  
(IEC 60998-2-5).

(IEC 60998-2-

4)

**2**

IEC 60998-1.

« ( ) », « 1 »  
( ) ( ) ,

**3**

IEC 60998-1

:

3.101

(screwless-type terminal):

3.101.1

(universal terminal):

3.101.2

(non-universal terminal):

3.101.3

(push-wire terminal):

**4**

IEC 60998-1.

**5**

5.3 ( 60998-1 : :

5.4. :

**6**

IEC 60998-1.

**7**

IEC 60998-1 :

7.101  
7.101.1  
7.101.2

- ;
- ;
- .

**8**

IEC 60998-1 ;

8.101

7.101.2.

- « » «sol» - ;
- « » - ;
- «f» -\* ;

**9**

IEC 60998-1.

**10**

IEC 60998-1 :

10.101

- , ( ,
- ) ;
- ( , ) .

10.102

( )

10.103  
101.

101.

- a) / 0.5 2, 0,75 2 1.0 2; 1 2
  - b) 4 \ 6 2, 10 2 / 10 2 4 2 6 3;
  - c) 10 2, 16 2, 25 2 / 25 3 4 2 6 2.
  - d) 10 2, 16 2 25 3. 25 3
- ( : )

101 -

2	-		2		2
	2				
0.20	0,20	0.51	0.53	0,20	0.61
0.34	0,34	0.63	0.66	0,34	0,80
0.50	0,50	0.90	1,10	0,50	1.10
0.75	0,75	1,00	1,20	0,75	1,30
1.00	1,00	1,20	1,40	1,00	1.50
1.50	1,50	1,50	1.70	1,50	1.80
2.50	2,50	1.90	2,20	2,50	2,30°
4.00	4,00	2.40	2.70	4,00	2,90°
6.00	6,00	2.90	3.30	4,00	2,90°
10.00	10,00	3.70	4.20	6,00	3,90
16.00	16,00	4.60	5.30	10,00	5.10
25.00	25,00	-	6.60	16,00	6.30
35.00	35,00	-	7.90	25,00	7,80

1

AWG

2

( 1) ( 60344.

AWG

ASTM 172-71.

! 60228  
ICEA S-19-

81. ICEA S-66-524 ICEA S-65-516.

1'

S

IEC 60228

10.104

10.101 - 10.103

10.104.1

101.

10.104.2 101. -

10.105 ( / ) -

101. :

a) ;

b) 75 102.

3. ( 101) 4 -

102. 4 -

1 ; 3 (10±2) / 75

102 ± 15 -

4

5 102. 15

102 -

0.20	6.4	260	0.2
0.34	6.4	260	0.2
0.50	6.5	260	0.3
0.75	6.5	260	0.4
1.00	6.5	260	0.4
1.50	6.5	260	0.4
2.50	9.5	280	0.7
4.00	9.5	280	0.9
6.00	9.5	280	1.4
10.00	9.5	280	2.0
16.00	13.0	300	2.9
25.00	13.0	300	4.5
35.00	14.5	300	6.8
1	AWG		
2			
7>	± 15		

10.106

10.105

103.

10.105.



1

103 -

2	0.20	0.34	0.50	0.75	1.00	1.50	2.50	4	6	10	16	25	35
	10	15	20	30	35	40	50	60	80	90	100	135	190
1	AWG												
2													

**11**

IEC 60998-1

11.2

10.105 10.106.

11.5

15.101.

1 —

11.101

8

0,75<sup>2</sup>

11.102

11.103

11.104

10.105 10.106.

11.105

14.101.

12

IEC 60998-1.

13

IEC 60998-1.

14

( IEC 60998-1

14.101

103 ),

30° ± 5°;

12

10° 20°.

104.

104.

*d*

104 -

		<i>d</i> .
£ 0.50	0,09	100
0.75	0,16	
1.00	0,25	
1.50	0,50	
2.50	1,00	
4.00	2,00	
AWG		

103 ).

10.103

± 5 %.

;  
 103 ),  
 2.5  
 2.5  
 12  
 10°  
 11  
 12  
 2.5  
 30  
 103 ),  
 12  
 2.5

### 15

IEC 60998-1

15.1

15.4

15.101

101.

( )

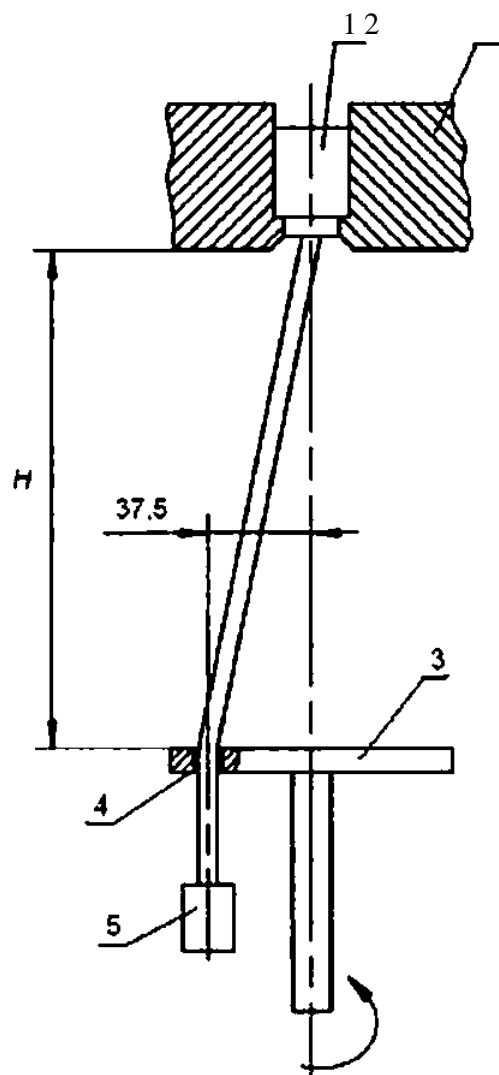
2 —

(20 ± 2)°

30

60998-1 ( 2).

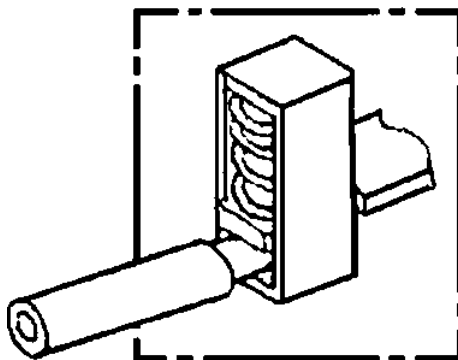
	192	,	1	-
			20	40 °
	± 5 °		10	-
	20	30 ° ;		*
	10	,		-
	(20±2) °			
no IEC 60998-1 (	2).	,	192*	
• 22.5		:		
* 1.5	24*	,		-
		,		-
			50	-
		,		-
<b>16</b>				
	IEC 60998-1.			
<b>17</b>				
	IEC 60998-1.			
<b>18</b>				
	( 60998-1.			
<b>19</b>				
	IEC 60998-1.			
<b>20</b>				
	IEC 60998-1.			



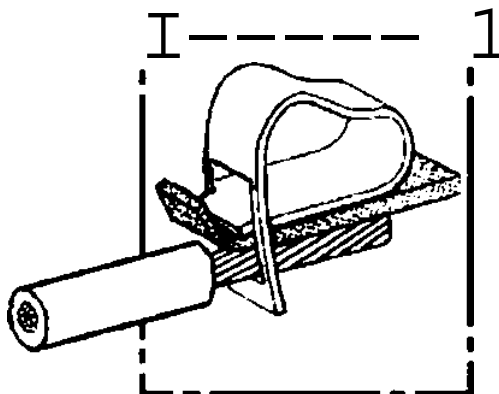
испытуемый зажим: 2 — крепление; 3 — плата; 4 — втулка;

101 \*\*

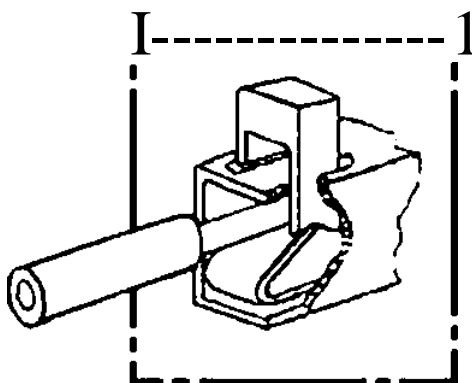
10.105



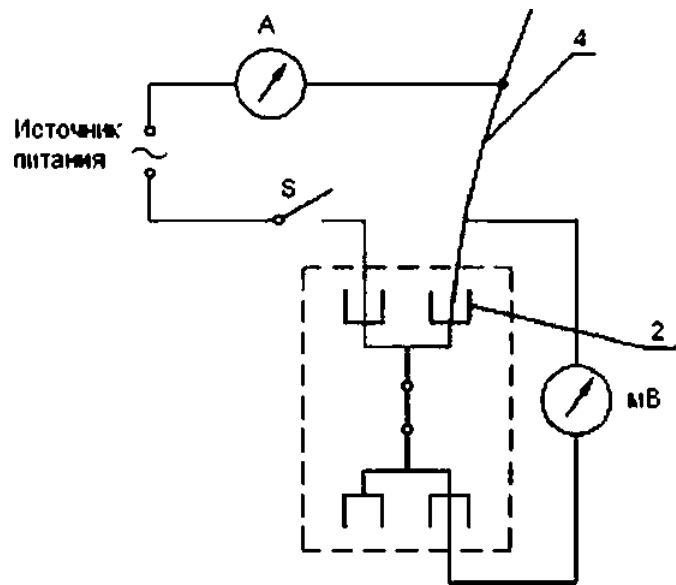
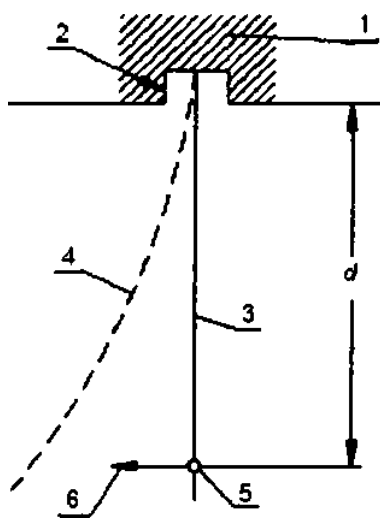
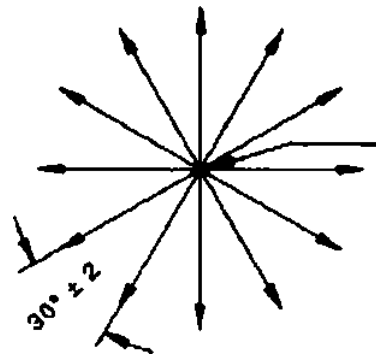
а) безвинтовой зажим непрямого давления



б)



)



)

)

1 — ; 2 — ; 3 — ; 4 — ; 5 — ; 6 — ; S — ; MВ — ( 104)

IEC 60996\*1

:

;

( )

,

.1-

	-	3	8 4	
			9	
			11.101 • 11.104	
			12	
			13	-
			16	
			17	-
2	-	3	10.104.1	
3		3	10 104.2	
	-		15.101	-
5		3	10.105 10.106	
6		3	10.105 10.106	
7		3	15	
8	•		18	
9	.		19	
10	-	3	14.101	



(AWG),

.1-

2 AWG

	AWG
0.20	24
0.34	22
0.50	20
0.75	16
1.00	-
1.50	16
2.50	14
4.00	12
6.00	10
10.00	8
16.00	6
25.00	4
-	3
35.00	2

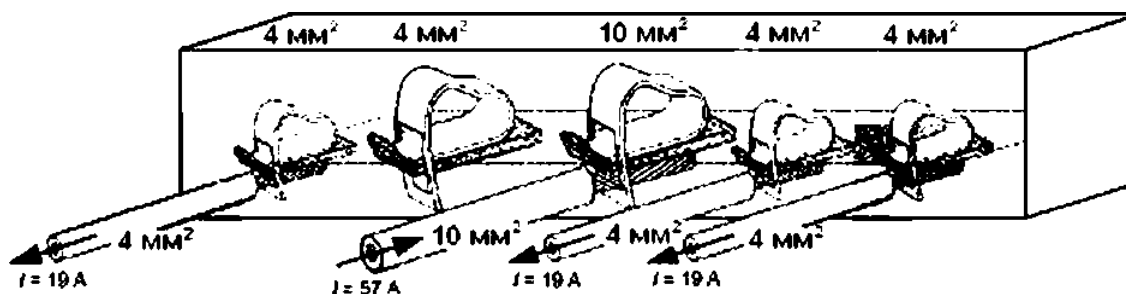
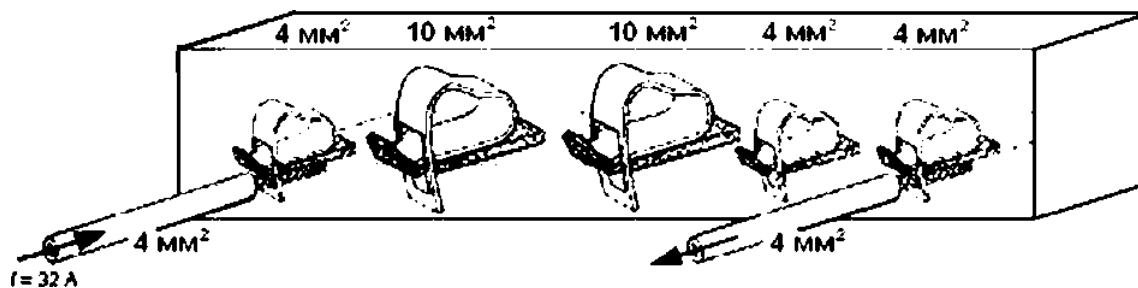
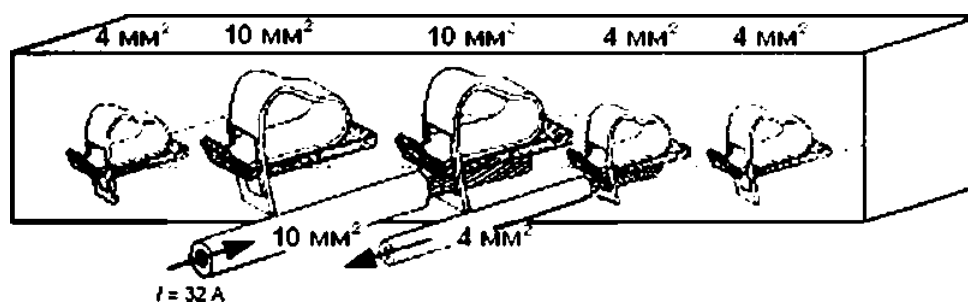
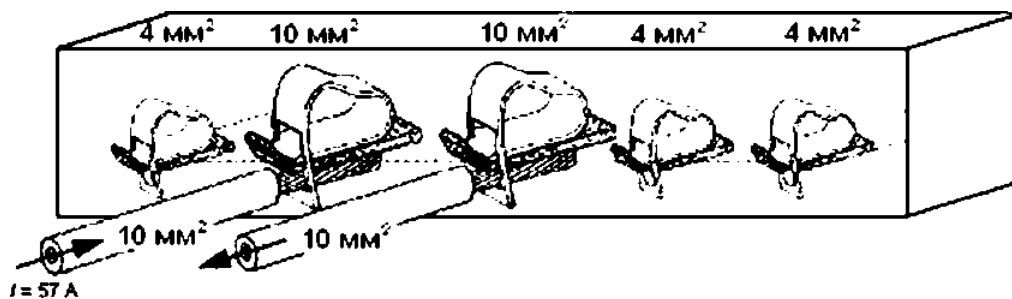
.2-

	AWG			AWG	I. . *
0.20	24	0.54	0.61	24	0.64
0.34	22	0.66	0.71	22	0.80
0.50	20	0.85	0.97	20	1.02
0.75	16	1.07	1.23	18	1.28
1.00	-	-	-	-	-
1.50	16	1.35	1.55	16	1.60
2.50	14	1.71	1.95	14	2.06
4.00	12	2.15	2.45	12	2.70
6.00	10	2.72	3.09	-	-
10.00	6	3.43	3.89	10	3.36
16.00	6	4.32	4.91	8	4.32
25.00	4	5.45	6.16	6	5.73
35.00	2	6.87	7.78	4	7.26

IEC 60228 ( 1) IEC 60344. AWG ASTM 172-71,  
 ICEA S-19-81, ICEA S-66-524 1 S-65-516.

" + 5%. 1. . + 5%.

AWG	"	<3
20	0.09	100
18	0.16	
16	0.25	
14	0.50	
12	1.00	
"	2.00	



.1—

.1

	-	
IEC 60998-1 1:	MOD	31195.1—2012 1.
<p>•MOD—</p>		

621.3.002.5.027.2:006.354

29.130.20

: , ,

01.11.2014. 60 84/ .  
. . .2.33. 39 . .4063

---

« »  
123995 . ., 4.  
www.gostinfo.ru info@gostinfo.ru