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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION
(ISC)

I 60269-6—
2013

6

(IEC 60269-6:2010,)



2015

1.2-2009 « 1.0-92 »

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3 03 2013 . No 62-) (-

(3166) 004-97	(3166) 004-97	*
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4 2014 . No 634- IEC 60269-6-2013 11 01 2015 . -

5 IEC 60269-6:2010 Low-voltage fuses. Part 6. Supplementary requirements for fuse-links for the protection of solar photovoltaic energy system (6.).

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3.4	4
3.4.1	4
3.5	4
3.5.1	4
3.6	4
3.6.1	4
3.6.2	4
3.6.3	4
3.10	4
4	4
5	4
5.1	4
5.1.2	4
5.2	5
5.5	5
5.6.	5
5.6.1	5
5.6.2	5
5.6.3	5
5.7	5
5.7.1	5
5.7.2	5
6	5
6.2	6
7	6
7.5	6
8	6
8.1	6
8.1.4	6
8.1.5	6
8.3	8
8.3.1	8
8.3.3	8
8.3.5	8
8.4	8
8.4.1	8
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8.5	8
8.5.1	8
8.5.5	9
8.5.8	9
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Low-voltage (uses. Part 6. Supplementary requirements for fuse-links for the protection of solar photovoltaic energy system

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IEC 60269.
3 —

— PV-
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- a)
- 1) ;
- 2) ;
- 3) ;
- 4) ;
- 5) ;
- 6) ;
- 7) ();
- b) :
- c)

1.2

IEC 60269-1:2006 Low-voltage fuses. Part 1. General requirements () -
 1.)

IEC 60269-2 Low-voltage fuses. Part 2. Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application). Examples of standardized systems of fuses A to J (-
 2.)

ISO Preferred numbers. Series of preferred numbers (J) -
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2

IEC 60269.

2.2

2.2.101 (photovoltaic fuse-link): , -
 (.7.5).

— PV-

• PV- -

2.2.102 (photovoltaic cell): -
 -

[IEC 61636.3.1.43) d))
 2.2.103 (photovoltaic module):

PV-

(IEC 61636.3.1.43 0]
 2.2.104 , , , , , , ,

2.2.104.1 (photovoltaic array): -
 PV- , PV- PV-

2.2.104.2 (photovoltaic array field): -
 PV- PV-

2.2.104.3 (photovoltaic assembly): PV- -
 , , , , , , ,

2.2.104.4 (photovoltaic generator): , -
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2.2.104.5 (photovoltaic panel): PV- -
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2.2.104.6 (photovoltaic array): PV- -

2.2.104.7 (photovoltaic array): PV- -

[IEC 61636.3.3.56 a), b).), d).), Q)]

5.2

750 IEC 60269 1; R5 , R10 ISO 3.

5.5

IEC 60269-1
70 % — 100 %

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5.6.1
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5.6.2
5.6.2.2

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«gPV»- 101.

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IEC 60269-1

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IEC 60269-1

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6.2 IEC 60269-1

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«gPV».

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IEC 60269-1

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8

IEC 60269-1

8.1

8.1.4

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102 103

11.12 13 IEC 60269-1.

8.1.5.1

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8.4.3.1	(*)			X						
	(4)				X					

102

85	N01. 104)	(X				
	N0 2. 104)	(X			
	N05 104)	(-							X		
8.11.2.5	(50°)	-								X	X
		-								X	
		()									X

103 —

8.1.4											
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8.4.3.1	(ii)										
	(0)										
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8.3
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 8.3.5 IEC 60269-1. , 5
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 8.4
 8.4.1 8.1.4
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 8.4.3.1 , :
 a) 101. (*). ,
 b) :
 101. ().
 8.4.3.2 IEC 60269-1. 3000 , -
 101.
 10 % , 8.11.2.4
 102 103.
 8.4.3.5
 8.4.3.6 , -
 (. 8.5.5). ()
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 * ^ (. 104) 50 .
 • 10 %.

8.5
 8.5.1 8.1.4 8.3.1

8.5.5
8.5.5.1

103. 1, 2 5.

No 2. 1 2.

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8.5.5.2

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(. 8.5.8 IEC 60269-1).

8.5.6

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11.2.5

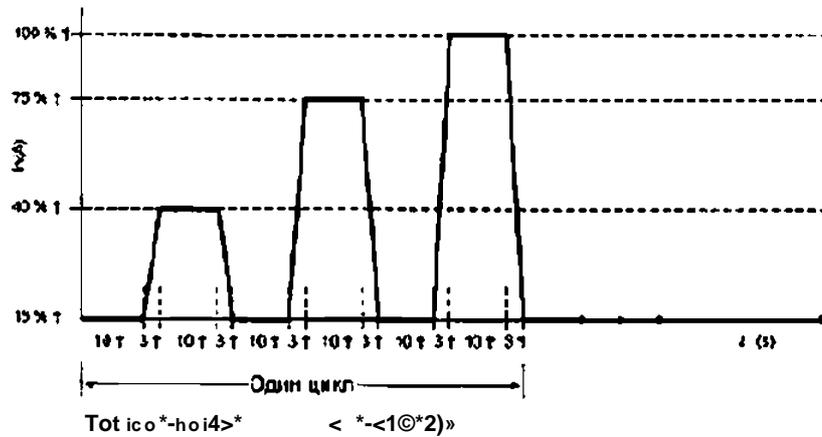
a)

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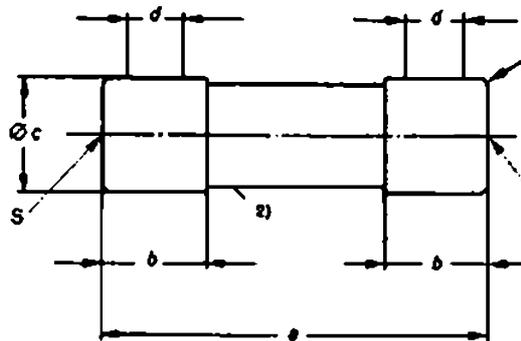
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A.F

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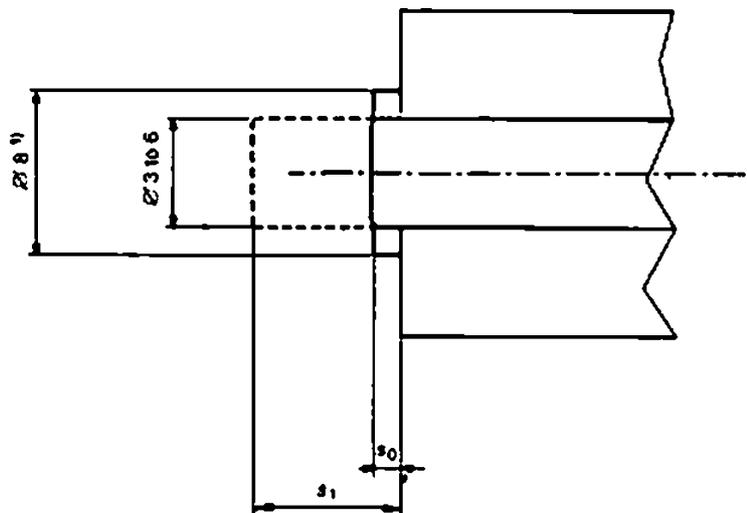
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		6			
10x38	38 ±0.6	10.5	10.310.1	6.0	1.510.5
14 51	!	13.8	14.310.1	7.5	2.01 1.0
10x85	85 ± 1,2	.5	10.310.1	6.0	1.510.5
20x127	127 2	16.2	20.610.2	10.8	2.01 1.0
22x127	127 ± 2 ¹¹	16.2	22.210.1	11.0	2.01 1.0
27 140	140 ±2	16.2	27,0 10.1	15,9	2.01 1.0

- 1)
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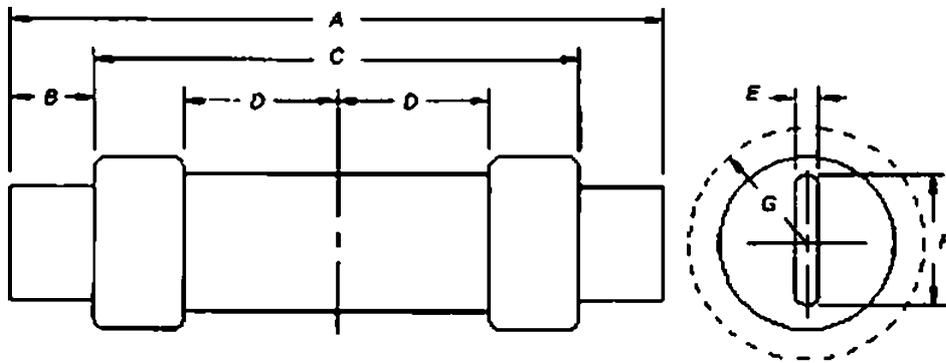


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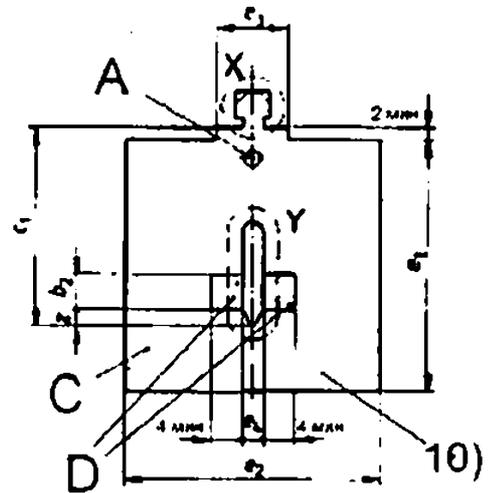
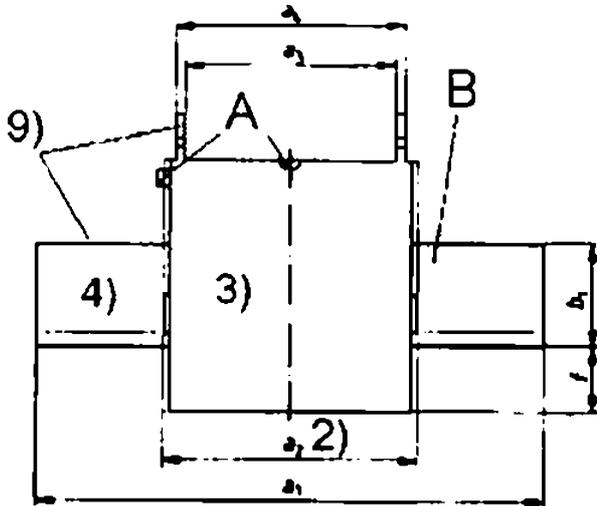
14 51.20 127 22 127

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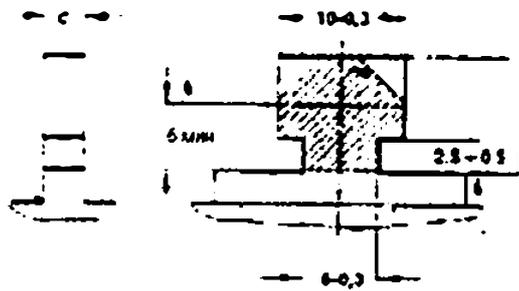
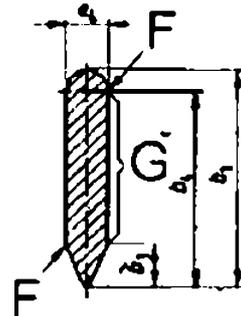
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61-100	200.0	25.4	136.5	44.4	3.18	19.1	22.2
10 00	244.5	34.9	155.5	57.2	4.76	28.6	28.6
201-400	293.3	47.6	181.0	63.5	6.35	41.3	38.1
401-600	339.7	57.2	208.0	68.3	6.35	50.8	44.5
* : 61-100 ±1.6 : 201-600 ±2.4 : 1.6 o) 12.7 * : ±0.1							

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1	135 02.5	75 -10	62 2.5	66 02.5	20	5	6	17	40	11 -2	2.5 11.5 0.6	S3	52	20	6	15	5
2	150 02.5	75 -10	62 2.5	68 2.5	25	8	8	22	48	11 -2	2.5 1.5 0.6	61	60	20	6	15	5
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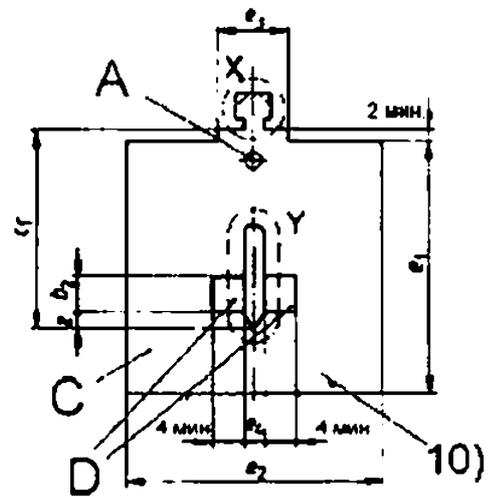
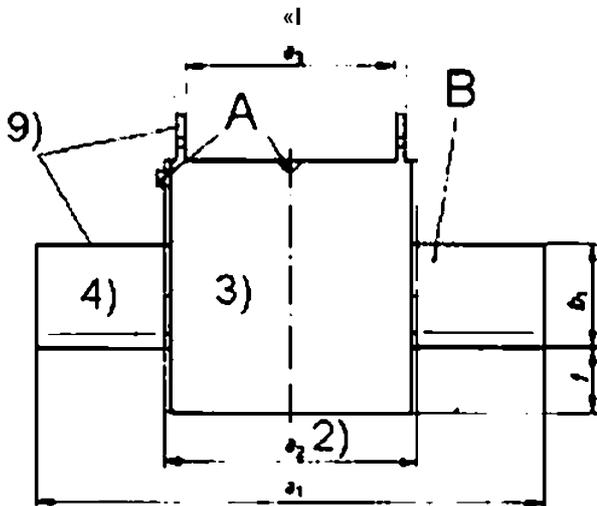
- 1) a*. 4 or , 1.5
- 2) > (E» » 4)
- 3)
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- 6)
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- 10) (X).
- 11) 1.2 3.
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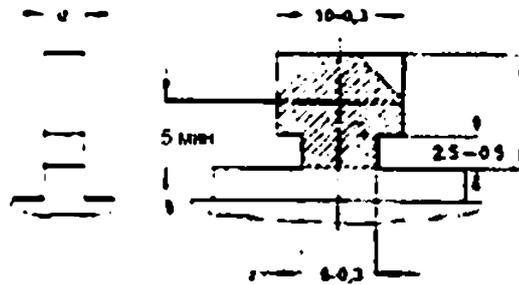
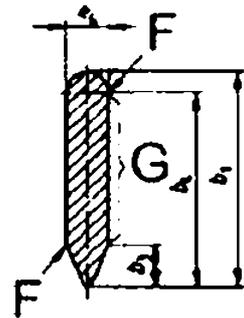


A ИНДИКАТОРНОЕ УСТРОЙСТВО (см. *)

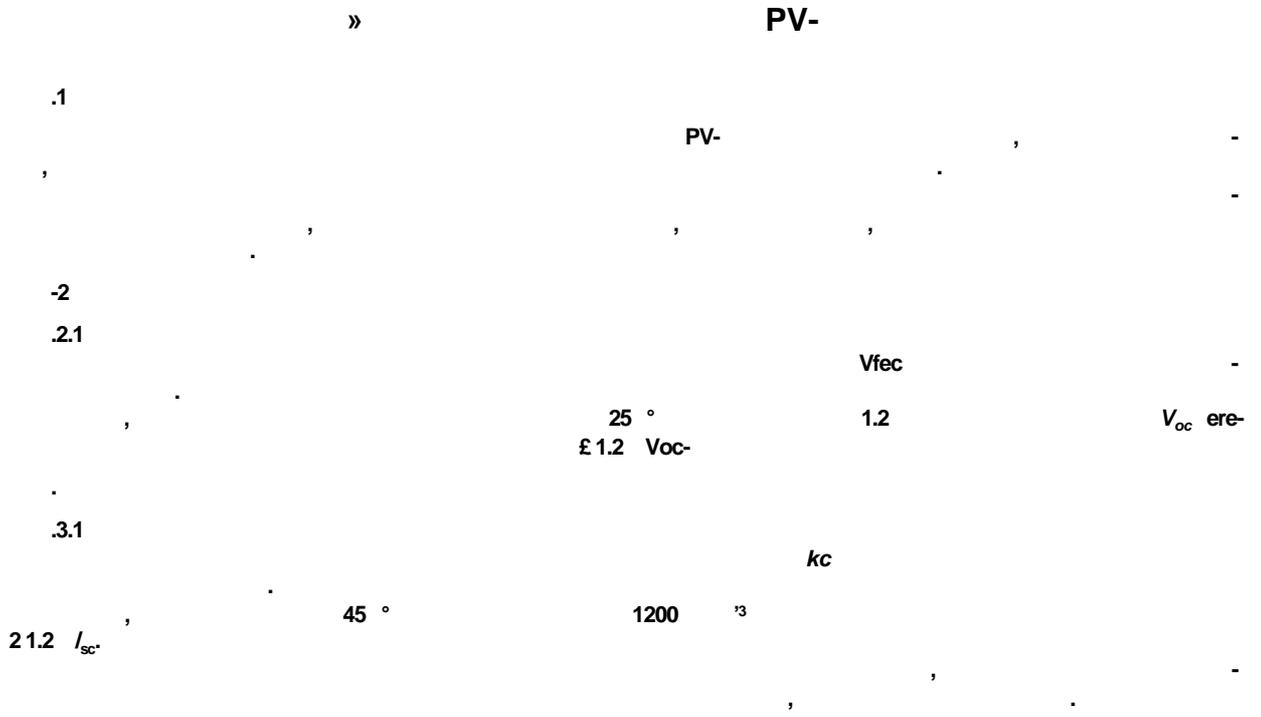
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IEC 60269*1:2006 1. -	*	•
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IEC 60050-151	International Electrotechnical Vocabulary. Part 151. Electrical and magnetic devices (- 151.)
IEC 60050-521	International Electrotechnical Vocabulary Part 521. Semiconductor devices and integrated cir- cuits (521. -)
IEC 60269 ()	Low-voltage fuses ()
IEC 60269-	Low-voltage fuses. Part 3. Supplementary requirements for (uses for use by unskilled persons (fuses mainly for household or similar applications). Examples of standardized systems of fuses A to F (-)
IEC 60269-4	Low-voltage (uses. Part 4. Supplementary requirements (or fuse-links for the protection of semi- conductor devices ()
IEC 60364-7-712	Electrical installations of buildings. Part 7-712. Requirements for special «retaliations or loca- tions. Solar photovoltaic (PV) power supply systems (. 7-712. (PV))
IEC 61215	Crystalline silicon terrestrial photovoltaic (PV) modules. Design qualification and type approval (-)
IEC 61646	Thin-film terrestrial photovoltaic (PV) modules. Design qualification and type approval (.)
IEC/TS 61836:2007	Solar photovoltaic energy systems. Terms, definitions and symbols (-)

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