



60800—
2012

300/500

IEC 60800:2009
Heating cables with a rated voltage of 300/500 V
for comfort heating and prevention of ice formation
(IDT)

60800-2012

27 2002 . N9 184 - « ».

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2 46 « »

3 30 2012 . No 258-

4 60800:2009 « -
 300/500
 » (IEC 60800:2009 «Heating cables with a rated voltage of 300/500 V for comfort heating and prevention of ice formation»)

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 (gosi.ru)
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8.2.7	10
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8.2.11	12
8.2.12	13
8.2.13 ()	13
8.2.14	13
8.2.15	14
8.2.16	14
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8.2.18	15
8.2.19	15
8.2.20	15
8.2.21	16
8.2.22	16
8.2.23	16
8.3 -	16
8.3.1	16

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8.3.2	16
8.3.3	16
8.3.4	16
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300/500

bleating cables with a rated voltage of 300/500 V for comfort heating and prevention of ice formation

- 2013-07-01

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60050-461

461.

(IEC 60050-461. International Electrotechnical Vocabulary - Part 461: Electric cables)

60228

(IEC 60228. Conductors of insulated cables)

cables)

80332-1-1

1-1.

(IEC 60332-1-1, Tests on electric and

optical fibre cables under fire conditions - Part 1-1: Test for vertical flame propagation for a single insulated wire or cable - Apparatus)

60800-2012

- 60332-1-2
- 1-2. (IEC 60332-1-2, Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW premixed flame)
- 60811-1-1
- 1 -1. (IEC 60811 -1 -1. Common test methods for insulating and sheathing materials of electric and optical cables - Part 1-1: Methods for general application - Measurement of thickness and overall dimensions - Tests for determining the mechanical properties)
- 60811-1*2: 1985
- 1-2. (IEC 60811-1-2:1985. Common test methods for insulating and sheathing materials of electric and optical cables - Part 1-2: Methods for general application - Thermal ageing methods)
- 60811-1-3
- 1-3. (IEC 60811-1-3. Common test methods for insulating and sheathing materials of electric and optical cables - Part 1 -3: General application - Methods for determining the density - Water absorption tests - Shrinkage test)
- 60811-1-4
- 1-4. (IEC 60811-1-4. Common test methods for insulating and sheathing materials of electric and optical cables - Part 1-4: Methods for general application - Test at low temperature)
- 60811-2-1
- 2-1. (IEC 60811-2-1. Common test methods for insulating and sheathing materials of electric and optical cables - Part 2-1: Methods specific to elastomeric compounds - Ozone resistance, hot set and mineral oil immersion tests)
- 60811-3-1
- 3-1. (IEC 60811-3-1, Common test methods for insulating and sheathing materials of electric and optical cables - Part 3-1: Methods specific to PVC compounds - Pressure test at high temperature - Tests for resistance to cracking)
- 62395-1: 2006
- 1. (IEC 62395-1:2006, Electrical resistance trace heating systems for industrial and commercial applications - Part 1: General and testing requirements)
- 4892-3: 2006
- 3. (ISO 4692-3:2006, Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps)

3

60050-461,

3.1 (armouring):

3.2 (cold 1 4):

3.3 (connection 8 1): &

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3.4	(earthing):	,	
3.5	(electrical conductive screen):	,	-
	,	,	-
	,		
3.6	(end 1 1):	,	-
	,	,	
3.7	,	(factory assembled unit or set):	-
3.8	,	(field assembled unit or set):	-
	,	,	-
3.9	(heating cable):	,	-
	,	,	
3.10	(heating cable set):		-
3.11	(heating conductor):	,	-
3.12	(insulation):	,	-
3.13	(integral components):	,	-
	,	,	-
	,	,	-
3.14	(linear power density):		-
3.15	(operating conductor temperature):		-
3.16	(operating surface temperature):		-
3.17	(operating voltage):	,	-
	,	,	
3.18	(rated temperature):	,	-
	,	,	
3.19	(rated voltage):		
	,	,	
3.20		(rated resistance of individual	
conductor(s)):		1	
3.21	-	2	-
	(routine test):	,	
	,	,	
3.22	(sample test):	,	-
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	(, . .)		
3.24	(type test):	,	-

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8.2.7,8.2.8 8.2.14.

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b)

c)

d)

e)

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h)

i)

j)

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60811 -1 -1

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8.3.5.

8.2.2.

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8.2.3.

8.2.4.

8.2

8.2.1

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8.2.2

8.2.2.1

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60811-1-2.

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но 8.2.2.3.

8.2.2.2 (20±5)° .

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1 50 1000

8.2.3

8.2.4 [4].

8.2.5 [4].

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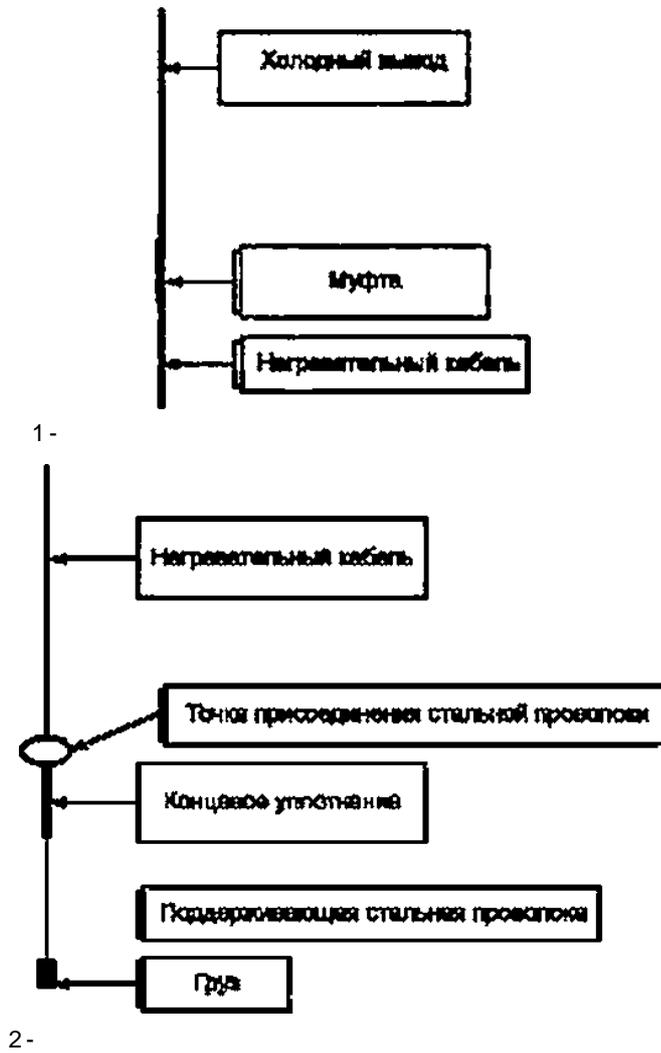
30

8.2.6

60332-1-1 60332-1-2.

1 2). / «- 0.5 1,0 (.

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8.2.7
6.2.7.1

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8.2.7.3.

.2.7.2.

2,

8.2.7.2

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(20 ± 5) *

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8.2.7.3

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8.2.8

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60811-1-4.

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8.2.2.2.

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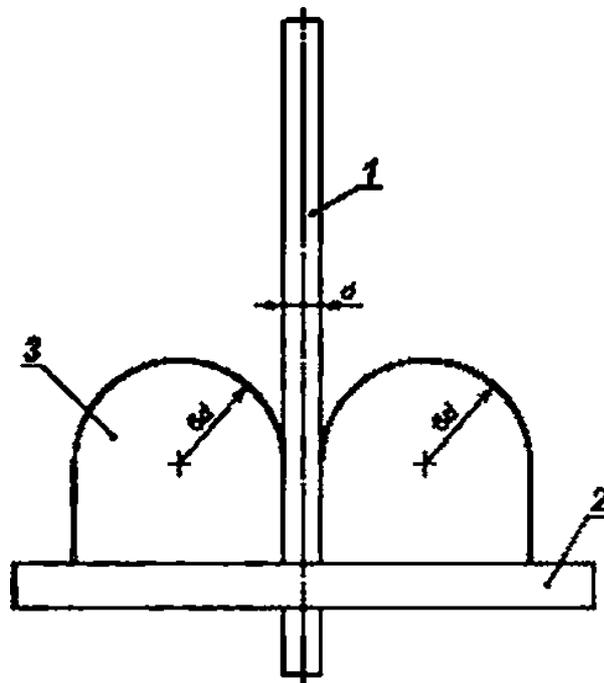
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10*
90
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8.2.2.2

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f- ;2- ;3- ;d-
- 3-

8.2.10

60811-1 -2, 8.1.3.1.

60811-1-1.

14

135*

12.5

150 %.

± 25%

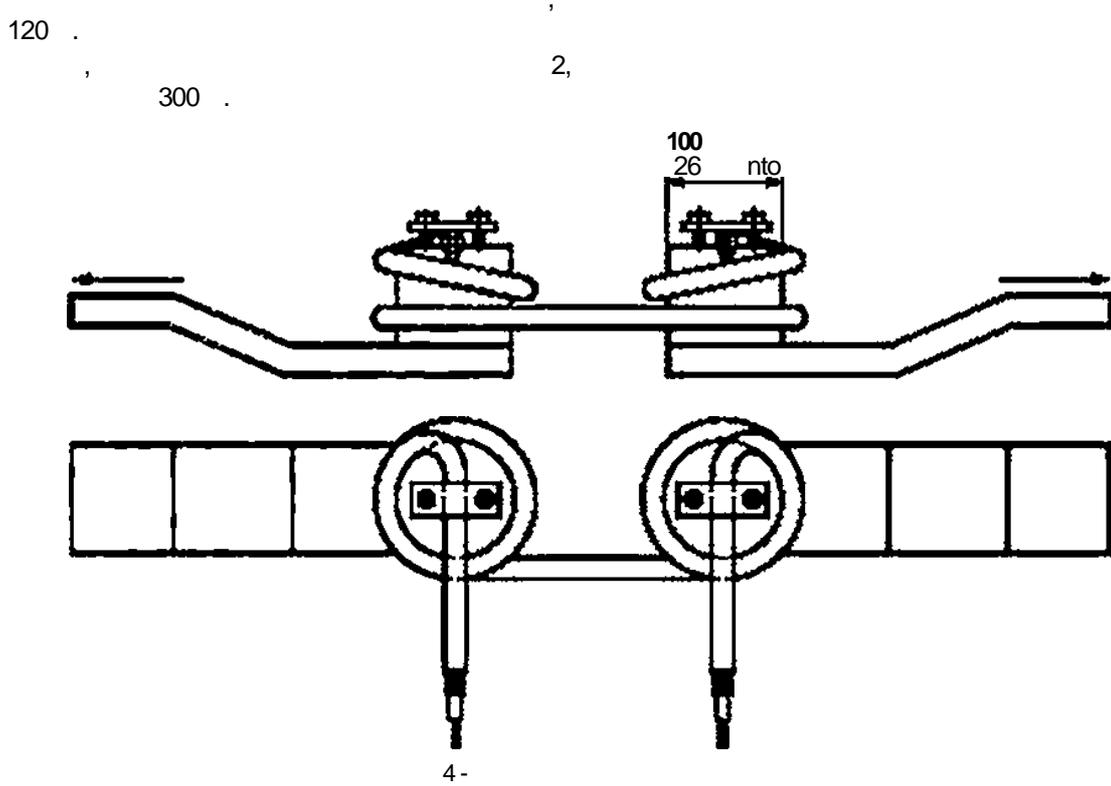
±25%

8.2.11

60811-1-2 (8.1.3.1).

60811-1-1.

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8.2.15

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8.2.2.2.

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8.2.16

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8.2.17

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60811-1-3.

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b)

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по 8.2.2.3.
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8.2.21

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60811-2*1

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60332-1-1	IDT	60332-1-1-2007 «	-
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60332-1-2	IDT	60332-1-2-2007 «	-
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60811-1-1	IDT	60811-1-1-98 «	-
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60811-1-2	IDT	60811-1-2-2006 «	-
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60811-1-3	IDT	60811-1-3-2007 «	-
		1-3.	-
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60811-1-4	IDT	60811-1-4-2008 «	-
		1-4.	-
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60811-2-1	IDT	60811-2-1-2006 «	-
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60811-3-1	IDT	60611-3-1-94 «	-
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- [1] 62395 ,
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- [2] 60364
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- [3] 60529 , (IP)
- [4] 62395-1 . 1.
- [5] 4892-2:2006 .
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