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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION
(ISC)

IEC
61347-2-13—
2013

2-13

(IEC 61347-2-13:2006, IDT)



2015

1 61347-2-13—2013

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4 2014 . No 125- IEC 61347-2-13-2013 11
 1 2015 .

5 IEC 61347-2-13:2006 Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules (2-13. -

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Lamp controlgear. Part 2-13. Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules

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 IEC 62384.

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 IEC 60051 Direct acting indicating analogue electrical measuring instruments and their accessories
 (())
 IEC 60065:2005 Audio, video and similar electronic apparatus • Safety requirements (-, -)
 IEC/TR 60083:2009 Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC (, - IEC)
 IEC 60085:2007 Electrical insulation • Thermal evaluation and designation ()
 IEC 60127 Miniature fuses (())
 IEC 60269-2:2006 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 (2. -)
).
 IEC 60269-2-1:2004') Low-voltage fuses - Part 2-1: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Sections I to VI: Examples of types of standardized fuses (2-1. -)
). I-VI. -

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I 60269-3:2006 Low-voltage fuses • Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) - Examples of standardized systems of fuses A to F () 3. (, F))

I 60269-3-1:2004 Low-voltage fuses - Part 3-1: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) - Sections I to IV: Examples of types of standardized fuses () 3-1. ()) I-IV.

I 60317-0-1:1997 Specifications for particular types of winding wires • Part 0-1: General requirements • Enamelled round copper wire () 0-1.)

IEC 60384-14:2005 Fixed capacitors for use in electronic equipment • Part 14: Sectional specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains () 14.)

IEC 60417-DB-12M:2002 Graphical symbols for use on equipment ())

IEC 60454 Pressure-sensitive adhesive tapes for electrical purposes ())

IEC 60598-1:2008 Luminaires - Part 1: General requirements and tests () 1.)

I 60598-2-6:1994 Luminaires • Part 2: Particular requirements • Section 6: Luminaires with built-in transformers for filament lamps () 2.) 6.)

IEC 60906 IEC system of plugs and socket-outlets for household and similar purposes () IEC ())

IEC 60906-1:2009 IEC system ? plugs and socket-outlets for household and similar purposes - Part 1: Plugs and socket-outlets 16 A 250 V a.c. (IEC) 1. 16 250)

IEC 60950-1:2005 Information technology equipment • Safety - Part 1: General requirements () 1.)

IEC 61347-1:2007 Lamp controlgear • Part 1. General and safety requirements () 1.)

IEC 61558-1:1998 Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests () 1.)

3

3.1 (electronic controlgear for LED modules): , () ,)

3.2 (d.c. or a.c. supplied controlgear):)

3.3 () () (safety extra-low voltage (SELV)-equivalent controlgear):)

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IEC 61347-2-13—2013

(independent SELV control-

3.4 gear):

IEC 61558-1:1998.

3.5

(associated controlgear):
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3.6

(stationary controlgear):

3.7

(plug-in controlgear):

3.8

voltage for constant voltage controlgear):

(rated output

3.9

stant current controlgear):

(rated output current for con-

3.10

; (light emitting diode: LEO):

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[IEC 60050-

3.11

(LED module):

3.12

(maximum output voltage):

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1.2.1

(short-circuit proof controlgear):

1.2.2

proof controlgear):

(non-inherently short-circuit

1.2.3

controlgear):

(inherently short-circuit proof

1.2.4

(fail-safe controlgear):

1.2.5

(non-short-circuit proof controlgear):

1.2.6

(HF transformer):

1.2.7

(open-circuit proof controlgear):

1.2.8

controlgear):

(non-inherently open circuit proof con-

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1.2.7.

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1.2.9

controlgear):

(inherently open circuit proof

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1.3

1.3.1

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1.3-2

- a) ;
- b) ;
- c) ;
- d) ;
- e) ;
- f) ;

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•		IEC 60417-5031 (08:2002-10)
N		IEC 60417-5032-2 (DB:2002-10)
		IEC 60417-5032-1 (DB2002-10)
	(IEC 60417-5016 (08:2002-10)
,		IEC 60417-5020 (08:2002-10)
v		IEC 60417-5222 (08:2002-10)
⁸ 00 F		IEC 60417-5222 (08:2002-10)
8 >		IEC 60417-5046 (08:2002-10)
8 >) (IEC 60417-59467 (08:2002-10)

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/ 60598-1 (4.13).

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1.5.3

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IEC 60950-1 (2.10.5.2),

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 At S 65:
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 At* (-10)*90*25:
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(: - 105 > - 120 - 130 • 155 - 180 - 6'		75 90 95 115 140
IEC 60065. IEC 60317-0-1		
61 130. 155 160. 1984 „	1.6. . IEC 60065 2004 105, 120. 130.155 180.	105. 120. . . F . -

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 - IEC 60065.

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170	-	-	—	14	-
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$4 < I_0 < 16$	1	1.9
$16 < I_{n, gG} < 63$	1	1.6
$63 < I < 160$	2	1.6
$160 < I < 200$	3	1.6
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							1.0	1.6	2.7	4.0	4.0	52	54	7B	6.5	.6	7.4	12.4
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)	vbi	X			0.5	1.0	1.4	1.6	2.0	2.4	2.7	3.2	3.3	4.0	3.7	4.4
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)		X			1.0	1.2	2.7	1.2	4.0	4.8	5.4	6.4	6.6	8.0	7.4	8.8

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IEC 60051-1:1997 1. .	- - . -	MOD 30012.1-2002 (60051-1-97) 1. ,
IEC 60051-2:1984 2.	- - .	MOD 8711-93 (51-2-84) 2.
IEC 60051-3:1984 3.	- - .	MOD 8476-93 (51-3-84) 3. -
IEC 60051-4:1984 4.	- - .	MOD 7590-93 (51-4-84) 4.
IEC 60051 -5:1985 5. ,	- - . -	MOD 8039-93 (51-5-85) 5. -
IEC 60051-6:1984 6. ()	- - . -	MOD 23706-93 (51-6-84) 6. ()
IEC 60051-7:1984 7.	- - . -	MOD 10374-93 (51-7-84) 7. -

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IEC 60065:2011 -, . -	IEC 60065:2005 -, - . -		IEC 60065-2011 -, - - . (IEC 60065:2005.)
IEC/TR 60063:2009 IEC	IEC 60063:1975 -	MOD	7396.1-89 (83-75) - - - . (IEC 60083:1975. MOD)
IEC 60085:2007 . -	IEC 60085:1964	MOD	8865-93 - - (IEC 60085:1984. MOD)
IEC 60127-1:2006 - 1. - - -	IEC 60127-1:1999 1. - - -	IDT	IEC 60127-1-2010 1. - - - (IEC 60127-1:1999.)
IEC 60127-2:2010 - 2. -	IEC 60127-2:1989 - 2. -	MOO	30798-2001 (127-2:1989) - (IEC 60127-2:1989. MOD)
IEC 60269-2:2010 - 2. - - - (,).	IEC 60269-2:1986 2. - , - (,)	MOD	31196.2-2012 (IEC 60269-2:1986) 2. - - - (IEC 60269-2:1986. MOD)
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<p>IEC 60269-2-1:2004</p> <p>1. 2-</p> <p>(I-VI.</p>	<p>IEC 60269-2-1:1987</p> <p>2-1.</p> <p>(I V:)</p>	<p>MOD</p>	<p>31196.2.1-2012 (IEC 60269-2-1:1987)</p> <p>1. 2-</p> <p>(IEC 60269-2-1:1987. MOD)</p>
<p>IEC 60269-3:2010</p> <p>3.</p> <p>(</p> <p>F</p>	<p>IEC 60269-3:1987</p> <p>3.</p> <p>(</p>	<p>MOD</p>	<p>31196.3-2012 (IEC 60269-3:1987. IEC 60269- :1978)</p> <p>3.</p> <p>(IEC 60269-3:1987. MOD)</p>
<p>IEC 60269-3-1:2004</p> <p>1. 3-</p> <p>(I-IV.</p>	<p>IEC 60269-3-1:1994</p> <p>3-1.</p> <p>(1 4)</p>	<p>IDT</p>	<p>IEC 60269-3-1-2011</p> <p>1. 3-</p> <p>(I-</p> <p>IV (IEC 60269-3-1:1994. IDT)</p>

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IEC 60384-14:2005	- 14.	IEC 60384-14:1993	- 14.	MOD	384-14-95 (60384-14:1993)* 14. (IDT 60384-14:1993. MOD)
IEC 60417-DB-12M:2002	- . 12- - , - - - IEC 60417	IEC 60417:1973	-	MOO	28312-89 (417-73) (IEC 60417:1973. MOD)
IEC 60454-1:1992	- 1.	IEC 60454-1:1974	- 1.	MOO	28018-89 (454-1-74) (IEC 60454-1:1974. MOD)
IEC 60454-2:2007	- 2.	IEC 60454-2:1974	- 2.	MOD	28019-89 (454-2-74, 454-2 -78) (IEC 60454-2:1974, MOD)
IEC 60454-3-1:2002	- 3-1.	IEC 60454-3-1:1976	- 3. 1.	MOD	28020-39 (454-3-1-76) (IEC 60454-3-1:1976, MOD)

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IEC 60454-3-2:2006 - 3. 2.	IEC 60454-3-2:1998 - 3. 2.	MOD	28021-89 (454-3-2-81) (IEC 60454-3-2:1998. MOD)
I 60454-3-4:2007 - 3. 4.	IEC 60454-3-4:1978 - 3. 4.	MOD	28023-89 (454-3-4-78) (IEC 60454-3-4:1978. MOD)
IEC 60454-3-6:1998 - 3. 6.	IEC 60454-3-6:1984 - 3. 6.	MOD	28025-89 (454-3-6-84) (IEC 60454-3-6:1984. MOD)
IEC 60454-3-7:1998 - 3. 7.	IEC 60454-3-7:1984 - 3. 7.	MOD	28026-89 (454-3-7-84) (IEC 60454-3-7:1984. MOD)
IEC 60454-3-8:2006 - 3. 8.	IEC 60454-3-8:1986 - 3. 8.	MOD	28027-89 (454-3-8-86) (IEC 60454-3-8:1986. MOD)

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IEC 60950-1:2012 1.	IEC 60950-1:2005 1.		IEC 60950-1-2011 1. (IEC 60950-1:2005.
<p>- - <«4 :</p> <p>- MOD - ;</p>			

IEC 60050(645):1987	International Electrotechnical Vocabulary (IEV) - Chapter 845: Lighting (.)
IEC 60364-4-41:2005	Low voltage electrical installations - Part 4-41: Protection for safety- Protection against electric shock (. 4-41.)
IEC 60449:1973 Amendment 1 (1979)	Voltage bands for electrical installations of buildings ()
IEC 62384:2006	DC or . . supplied electric control gear for LED modules - Perform- ance requirements (- -)

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