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INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION
(ISC)

**IEC 60670-24—
2013**

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(IEC 60670-24:2011, IDT)



2014

IEC 60670*24-2013

1.0-92 «
 1.2—2009 «
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 (27 2013 . Ne 59-)

(3166) 004-97	(3166) 004-97 AM BY KG RU TJ UZ	-
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4 11
 2014 . 115- IEC 60670*24—2013
 01 2015 .

5 IEC 60670*242011 Boxes and enclosures for electrical accessories for household and similar fixed electrical installations. Part 24. Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment (

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 IEC/TC 23 «
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Boxes and enclosures for electrical accessories for household and similar fixed electrical installations
Part 24. Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment

— 2015—01—01

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IEC 61439,

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IEC 60439

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IEC 60439-3 (
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BS EN 60439-3).

GP

DS EN 60439-3.

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IEC 60417* () Graphical symbols for use on equipment ()

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IEC 60670*24-2013

IEC 60898*1:2003 Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part: Circuit-breakers for a.c. operation ()

1.)
IEC 61008*2*1:1990 Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's). Part 2*1. Applicability of the general rules to RCCB's functionally independent of line voltage (, (RCCB's). 2*1. RCCB's.)

IEC 61009*2*1:1991 Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's). Part 2*1: Applicability of the general rules to RCBO's functionally independent of line voltage (, (RCBO's). 2*1. RCBO,)

IEC 62262:2002 Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) ((IK) ,)

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3.101 : , BE (basic enclosure): ,

3.102 , GP (general purpose enclosure): ,

3.103 PD (enclosure for predetermined equipment): ,

3.104 8 (manufacturer's design instructions): ,

3.105 power): <* (maximum capability to dissipate ,

- « ().

3.106 (rated current): ,

3.107 U_n (rated voltage U_n): ,

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7.7.2 7.7.3.1

7.101	7.101.1 GP	
	7.101.2 PD	
7.102	7.101.1 GP	
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7.101.2 7.102.2.

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7.101.1 7.102.1.

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[IEC 60417-5172 (2003-02)]

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--- no IEC 80417-5019 (2006-08)

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IEC 60670-24:

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(60670*24-2013

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IEC 60670*24-2013

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IEC 60670-24—2013

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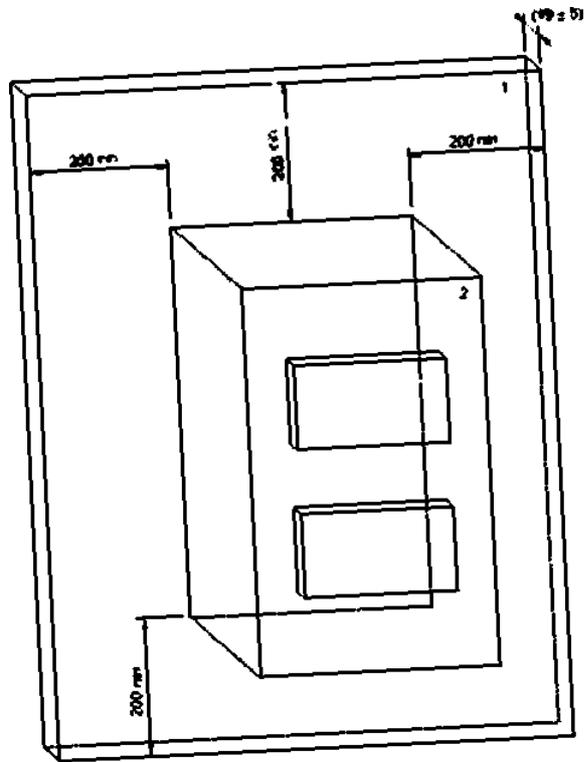
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IEC 60670-24-2013

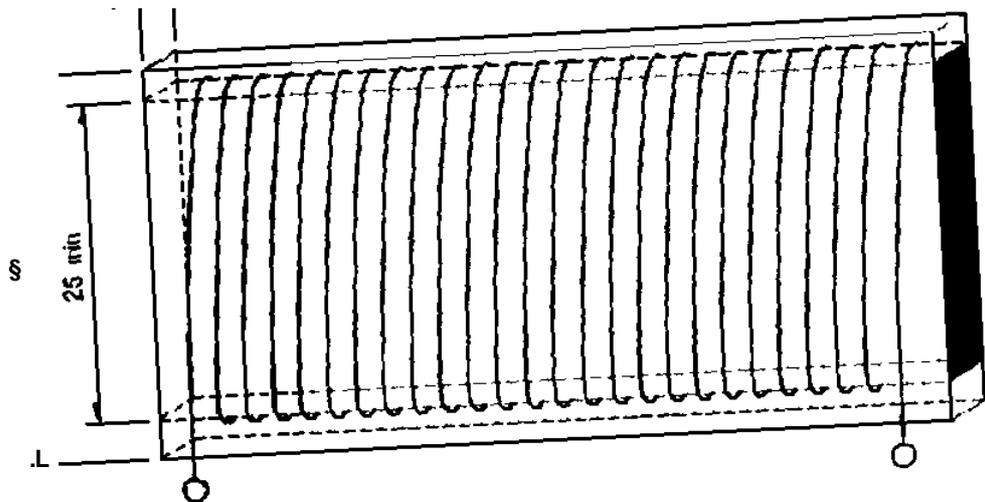
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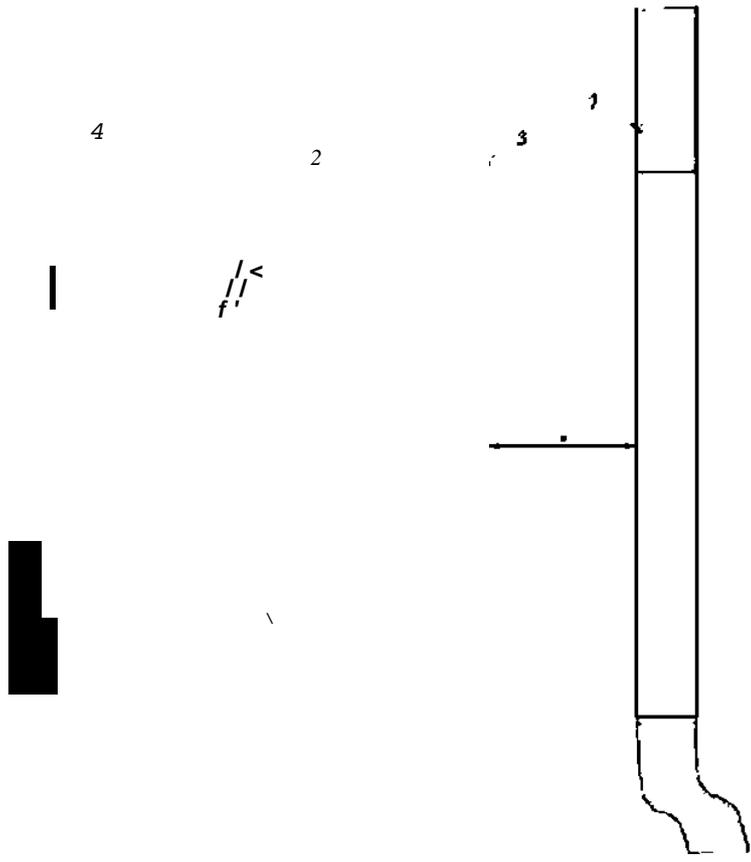
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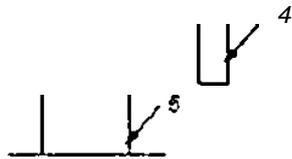
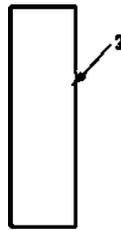
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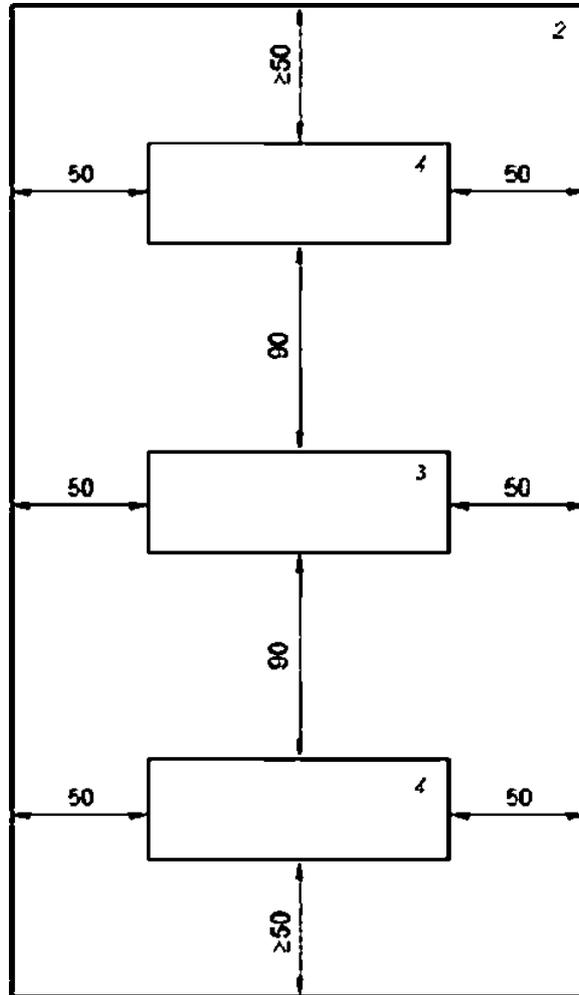


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GP

$P_{oi} = (+0.2 * + *)$

$0.2 > -$

$= \varepsilon / +1$

$= 0.85;$

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.2.1

GP :

GP
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IEC 60417-5019 (2006-08)

.2.2

GP $I_{n,c}$, (rated current of the equipped GP enclosure):
 $I_{<*>}$ >.

GP

(incoming rated current):

(outgoing rated current):

(utilisation factor):

0.85.

(diversity factor):

GP

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2 3	0.8
4 5	0.7
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10	0.5

GP

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IP GP IEC 60529.

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$$P_w = 4 \cdot 0.2 = 16.17 + 3.23 \cdot 5 = 24.4 .$$

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25 .

$$= 24.4 < = 25 .$$

IEC 60670*24-2013

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PD

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7.101.2 7.102.2,

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RCCB

IEC 61008*2*1

RCBO

IEC 60898*1.
IEC 61009-2*1)

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IEC 60670*24—2013

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IEC 60670-24-2013

IEC 60439*3:1991

Low-voltage switchgear and controlgear assemblies - Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use - Distribution boards

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IEC 60898-1:2003 1.	MOD	IEC 60898-2-2011 1.
IEC 61008-2-1:1990 (RCCB's). 2-1. RCCB's.	MOD	31601.2.1-2012 (IEC 61008-2-1:1990) 2-1.
IEC 61009-2-1:1991 (RCBO's). 4acTb 2-1. RCBO's.	MOD	31225.2.1-2012 (IEC 61009-2-1:1991) 2-1. 8
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IEC 60417 * ()	IEC 417:73	MOD	28312-89 (417-73) (IEC 417:73. MOD) (www.iec.ch).
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www.gostinfo.ru info@gostinfo.ru