



# CERTIFICATE

KEMA No.: 2126052.09



Issued to:  
Applicant:

**GE Power Protection**  
**A Div. of GE Industrial Belgium BVBA**  
**Nieuwevaart 51**  
**9000, GENT, Belgium**

Manufacturer/Licensee:  
**GE Power Protection**  
**A Div. of GE Industrial Belgium BVBA**  
**Nieuwevaart 51**  
**9000, GENT, Belgium**

Product(s) : rccb's with overcurrent protection (rcbo)  
Trade name(s) : GE  
Type(s)/model(s) : DP30, DP45, DP60, DP100, DPA30, DPA45, DPA60, DPA100  
The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61009-1:2004;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900036

KEMA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 16 November 2009 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood  
Managing Director

H.L. Schendstok  
Certification Manager

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



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**SPECIFICATION OF THE CERTIFIED PRODUCT**

**Product data**

product	:	rccb's with overcurrent protection (rcbo)
trade name(s)	:	GE
type(s)	:	DP30, DP45, DP60, DP100, DPA30, DPA45, DPA60, DPA100
design	:	-with integral overcurrent protection -independent of line voltage
rated current (In)	:	4 A, 6 A, 8 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A and 40 A
range of instantaneous tripping overcurrent	:	B and C
rated residual current	:	10 mA, 30 mA, 100 mA, 300 mA
rated voltage (Un)/number of poles	:	230 Vac / 2-poles with 1 protected pole
behaviour to d.c. components	:	type DP: class AC type DPA: class A
rated short-circuit current (Icn)	:	see data per type
service short-circuit capacity (Ics)	:	see data per type
rated conditional residual short-circuit current (IΔc)	:	see data per type
rated residual making and breaking capacity (IΔm)	:	see data per type
safety distance("a",grid)	:	35 mm
method of mounting	:	flush-type, for mounting on top hat rail 25 mm(EN 50022)
reference air temperature	:	Type DPA : -25/+40°C Type DP : -5/+40°C
degree of protection against moisture	:	ordinary

**Additional information**

Type reference: Series DP xxxxxx/xxx

for example:

DPA100B06/010L

DPxxxxxxx/xxxx = Basic type number  
 xxAxxxxxxx/xxxx = Behaviour to dc components  
                   Blank = type AC  
                   A = type A

xxx100xxx/xxxx = rated short-circuit capacity  
                   DP 30 = 3 kA  
                   DP 45 = 4,5 kA  
                   DP 60 = 6 kA  
                   DP 100 = Icn 10 kA, Ics 7,5 kA

xxxxxB06/xxxx = characteristic/rated current  
                   B or C / 4 up to 40 A; except Icn = 10 mA up to 20 A

xxxxxxx/010x = rated residual current  
                   010 = 10 mA  
                   030 = 30 mA  
                   100 = 100 mA  
                   300 = 300 mA

xxxxxxx/xxxL = neutral position  
                   L = left side  
                   blanc = right side

Markings: Trademark, type designation and the complete ratings are shown on the body.

**Product data - type DP100**

rated short-circuit capacity (I<sub>cn</sub>) : 10 kA  
rated service short-circuit current (I<sub>cs</sub>) : 7,5 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 7,5 kA

**Product data - type DP60**

rated short-circuit capacity (I<sub>cn</sub>) : 6 kA  
rated service short-circuit current (I<sub>cs</sub>) : 6 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 6 kA

**Product data - type DP45**

rated short-circuit capacity (I<sub>cn</sub>) : 4,5 kA  
rated service short-circuit current (I<sub>cs</sub>) : 4,5 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 4,5 kA

**Product data - type DP30**

rated short-circuit capacity (I<sub>cn</sub>) : 3 kA  
rated service short-circuit current (I<sub>cs</sub>) : 3 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 3 kA

**Product data - type DPA100**

rated short-circuit capacity (I<sub>cn</sub>) : 10 kA  
rated service short-circuit current (I<sub>cs</sub>) : 7,5 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 7,5 kA

**Product data - type DPA60**

rated short-circuit capacity (I<sub>cn</sub>) : 6 kA  
rated service short-circuit current (I<sub>cs</sub>) : 6 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 6 kA

**Product data - type DPA45**

rated short-circuit capacity (I<sub>cn</sub>) : 4,5 kA  
rated service short-circuit current (I<sub>cs</sub>) : 4,5 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 4,5 kA

**Product data - type DPA30**

rated short-circuit capacity (I<sub>cn</sub>) : 3 kA  
rated service short-circuit current (I<sub>cs</sub>) : 3 kA  
rated residual making and breaking capacity (I<sub>Δm</sub>) : 3 kA

**TESTS****Test requirements**

EN 61009-1:2004  
C11:2006  
A11:2008  
A12:2009  
A13:2009

**Test results**

The test results are laid down in KEMA test file 2126052.09 and are based on CCA/B27/2009 and TRF No. 59197801/00 up to -/31.

**Remarks**

This certificate replaces certificate 2089236.01.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : SGS CEBEC

Checked by : M.T.H. van Gemen

A handwritten signature in black ink, appearing to be "M.T.H. van Gemen", written over two horizontal lines.**Factory locations**

GE Hungary ZRt,  
Dozsa György ut 54, 3600, OZD, Hungary