



## CB TEST CERTIFICATE

Ref. Certificate No.

BE-1162

### IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

Issued by:

SGS Belgium NV - Division SGS CEBEC

Product:

Circuit-breakers for overcurrent protection

Applicant:

GE Power Controls Belgium Nieuwevaart, 51 9000 GENT Belgium

Manufacturer:

GE Hungary ZRt Dozsa György ut 54 3600 OZD Hungary

Factory:

GE Hungary ZRt Dozsa György ut 54 3600 OZD Hungary

Rating and principal characteristics:

See page 2

Trade mark (if any):

GE

Model/Type reference:

Series G100

Additional information:

SMT-procedure

Sample of product tested to be in conformity with IEC:

60947-2(ed.3)

Test Report Ref. No:

57819101/00 up to 57819101/41

This CB Test Certificate is issued by the National Certification Body:

SGS Belgium NV - Division SGS CEBEC  
Avenue F. Van Kalken 9 A, B - 1070 Brussels, Belgium

Signed by: Ronan MAQUESTIAU

Date of issue: 2007-04-23

SGS



**Ratings:**

rated operational voltage (Ue)	:	127 V / 240 V / 415 V
number of poles	:	1P, 1P+N, 2P, 3P, 3P+N & 4P
rated current (In)	:	0,5 A up to 63 A
range of instantaneous tripping overcurrent (curve)	:	B, C
nature of supply	:	AC
rated frequency	:	50 Hz / 60 Hz
rated short-circuit capacity (Icu)	:	40 kA (127V) 15kA/30 kA (240V) 15 kA (415V)
rated service short-circuit current (Ics)	:	50 % Icu (240V / 415V)
suitability for isolation	:	Yes
method of operation	:	independent manual operation
rated insulation voltage (Ui)	:	440 V
rated impulse withstand voltage (Uimp)	:	4 kV
distance metal screen to terminals	:	60 mm
distance metal screen to side circuit-breaker	:	12 mm
rated ambient temperature (ta)	:	50 °C

**Further Data:**

Rated voltage Un = 127Vac  
Icu = 30kA/127V for 1P & 1P+N  
Icu = 40kA/127V for 2P

Rated voltage Un = 240Vac  
Icu = 15kA/240V for 1P, 1P+N  
Icu = 30kA/240V for 2P, 3P; 3P+N; 4P  
Ics = 7,5kA/240V for 1P, 1P+N

Rated voltage Un = 415Vac  
Icu = 15kA/415V for 2P, 3P; 3P+N; 4P  
Ics = 7,5kA/415V for 2P, 3P, 3P+N & 4P

3P+N & 4P additional short circuit on each pole singly  
Un =240Vac Icc=25%Icu=7,5kA  
Un =415Vac Icc=25%Icu=3,75kA

Products References List:

MCB's series G100

Type	1P - 240V	1P+N - 240V	2P - 415V	3P - 415V	3P+N - 415V	4P - 415V
B6	G101 B6	G101N B6	G102 B6	G103 B6	G103N B6	G104 B6
B8	G101 B8	G101N B8	G102 B8	G103 B8	G103N B8	G104 B8
B10	G101 B10	G101N B10	G102 B10	G103 B10	G103N B10	G104 B10
B13	G101 B13	G101N B13	G102 B13	G103 B13	G103N B13	G104 B13
B16	G101 B16	G101N B16	G102 B16	G103 B16	G103N B16	G104 B16
B20	G101 B20	G101N B20	G102 B20	G103 B20	G103N B20	G104 B20
B25	G101 B25	G101N B25	G102 B25	G103 B25	G103N B25	G104 B25
B32	G101 B32	G101N B32	G102 B32	G103 B32	G103N B32	G104 B32
B40	G101 B40	G101N B40	G102 B40	G103 B40	G103N B40	G104 B40
B50	G101 B50	G101N B50	G102 B50	G103 B50	G103N B50	G104 B50
B63	G101 B63	G101N B63	G102 B63	G103 B63	G103N B63	G104 B63
C0.5	G101 C0.5	G101N C0.5	G102 C0.5	G103 C0.5	G103N C0.5	G104 C0.5
C1	G101 C1	G101N C1	G102 C1	G103 C1	G103N C1	G104 C1
C2	G101 C2	G101N C2	G102 C2	G103 C2	G103N C2	G104 C2
C3	G101 C3	G101N C3	G102 C3	G103 C3	G103N C3	G104 C3
C4	G101 C4	G101N C4	G102 C4	G103 C4	G103N C4	G104 C4
C6	G101 C6	G101N C6	G102 C6	G103 C6	G103N C6	G104 C6
C8	G101 C8	G101N C8	G102 C8	G103 C8	G103N C8	G104 C8
C10	G101 C10	G101N C10	G102 C10	G103 C10	G103N C10	G104 C10
C13	G101 C13	G101N C13	G102 C13	G103 C13	G103N C13	G104 C13
C16	G101 C16	G101N C16	G102 C16	G103 C16	G103N C16	G104 C16
C20	G101 C20	G101N C20	G102 C20	G103 C20	G103N C20	G104 C20
C25	G101 C25	G101N C25	G102 C25	G103 C25	G103N C25	G104 C25
C32	G101 C32	G101N C32	G102 C32	G103 C32	G103N C32	G104 C32
C40	G101 C40	G101N C40	G102 C40	G103 C40	G103N C40	G104 C40
C50	G101 C50	G101N C50	G102 C50	G103 C50	G103N C50	G104 C50
C63	G101 C63	G101N C63	G102 C63	G103 C63	G103N C63	G104 C63