

# CERTIFICATE

KEMA No.: 2085354.08

Issued to:  
Applicant:  
**GE Power Controls Belgium B.V.B.A.**  
**Nieuwevaart 51**  
**9000, GENT, Belgium**

Manufacturer/Licensee:  
**GE Power Controls Belgium B.V.B.A.**  
**Nieuwevaart 51**  
**9000, GENT, Belgium**

Product (s) : switch-disconnectors

Trade name(s) : GENERAL ELECTRIC  
Type(s)/model(s) : DILOS 2

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 60947-3:1992
- 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: September 23, 2005

H.L. Schendstok  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT**
**Product data**

Product	:	switch-disconnectors																				
trade name(s)	:	GENERAL ELECTRIC																				
type(s)	:	DILOS-2																				
types	:	227/061726-... 3-poles+N left 227/061526-... 3-poles+N right 227/061426-... 4-poles 227/061326-... 3-poles 227/061226-... 2-poles 227/061724-... 3-poles+N left 227/061524-... 3-poles+N right 227/061424-... 4-poles 227/061324-... 3-poles 227/061224-... 2-poles 227/061722-... 3-poles+N left 227/061522-... 3-poles+N right 227/061422-... 4-poles 227/061322-... 3-poles 227/061222-... 4-poles -.001 transparant cover -.002 grey cover -.003 yellow cover																				
rated insulation voltage	:	690 Vac																				
rated impulse withstand voltage	:	8 kV																				
rated thermal current	:	DILOS-2-125A: 125 A enclosed DILOS-2-160A: 160 A enclosed DILOS-2-200A: 200 A enclosed.																				
ratings/utilization category (Ue-Ie)	:	DILOS-2-125A:																				
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		DILOS-2-160A																				
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rated short-time withstand current (Icw)	:	6.0 kA - 0.25 s																				
rated short-circuit making capacity (Icm)	:	4.5 kA r.m.s. 6.7 kA peak at 690 V 6.0 kA r.m.s. 10.6 kA peak at 415 V cover .001 .002 .003 50 kA when protected with fuse-links																				

**KEMA Quality B.V.**

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rated fused short-circuit current

limiting the cut-off current to maximum 13.4 kA and the Joule integral to a maximum of 128 kA<sup>2</sup>s.

Fuse-links during tests make Jean Müller NH1 gL/ gG 160 A 500 V.

cover.002 when protected with fuse-links limiting the cut-off current to a maximum of 21 kA and the Joule integral to a maximum 399 kA<sup>2</sup>s

Fuse-links during tests make Jean Müller NH1 gL/gG 250 A 500 V.

cover .001, .002 and 003 30 kA when protected with fuse-links limiting the cut-off current to maximum 15,1 kA and the Joule integral to a maximum of 259 kA<sup>2</sup> s.

Fuse-links during tests make Jean Müller NH1 gL/ gG 200 A 500 V.

operational performance without current	:	category A
with current	:	le ≤ 100 A 8500, le 100-315 A 7000 operating cycles
connection	:	le ≤ 100 A 1500, le 100-315 A 1000 operating cycles
enclosure	:	cable lugs
	:	box of insulating material dimensions: height: 250 mm depth : 150 mm width : 175 mm

## TESTS

### Test requirements

EN 60947-3:1992 C:1997-06

### Test results

The test results are laid down in CEBEC 572242.01/-02/-03

### Test result

The test results are laid down in KEMA test file 2085354.08.

### Remarks

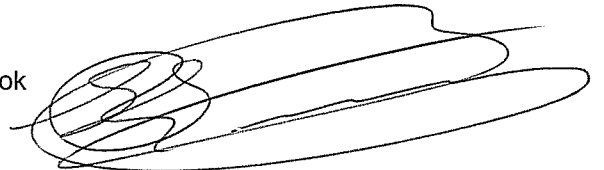
This certificate replaces certificate no. 98.0224.04, -.05 and -.06.

### Conclusion

The examination proved that all test requirements were met.

Tested by : CEBEC

Checked by : H.L. Schendstok



### Factory-Locations

GE Power Controls Polska,  
ul. Pilsudskiego, 5, 57-300, KŁODZKO, Poland

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