

Issue Date: 10/18/06

Certificate No. 612.008



**SQUARE D COMPANY**

*SCHNEIDER ELECTRIC*

**CERTIFICATE OF: COMPLIANCE WITH TYPE TESTS**

APPARATUS: Electronic Trip Molded Case Circuit Breakers, 3 and 4 pole.

DESIGNATION: Catalog Number Prefixes: PG

TEST REFERENCE: Report Nos. F01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

The apparatus constructed in accordance with the description stated upon this certificate and contained in the referenced test report has been subjected to the series of proving tests in accordance with:

IEC 60947-2, 3rd Edition  
EN 60947-2, 3rd Edition

Based on acceptable results as shown in the Square D Company and Merlin Gerin referenced test reports, the values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned as stated for the designated product.

Rated Short Circuit Current,  $I_{cc}$  and  $I_{cs}$

$I_{cu}$  240 Vac/50 kA

$I_{cu}$  380/415 Vac/35 kA

$I_{cs}$  240 Vac/25 kA

$I_{cs}$  380/415 Vac/20 kA

Rated Current,  $I_n$  250-1200 Amperes

Rated Optional Voltage,  $U_e$  415 Vac

Rated Insulation Voltage,  $U_i$  750 Vac

Rated Impulse Voltage,  $U_{imp}$  8kV

Rated Frequency 50/60 Hz.

Utilization Category B

Suitable for Isolation



Approved by:

Wayne Stoppelmoor,  
Manager, Product Certification

Certified by:

Eric Schultz  
Certification Engineer

Issue Date: 10/18/06

Certificate No. 612.009



**SQUARE D COMPANY**

**SCHNEIDER ELECTRIC**

**CERTIFICATE OF: COMPLIANCE WITH TYPE TESTS**

APPARATUS: Electronic Trip Molded Case Circuit Breaker, 3 and 4 pole.

DESIGNATION: Catalog Number Prefixes: PJ

TEST REFERENCE: Report Nos. F01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

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Rated Short Circuit Current,  $I_{cc}$  and  $I_{cs}$

$I_{cu}$  240 Vac/65 kA

$I_{cu}$  380/415 Vac/50 kA

$I_{cs}$  240 Vac/35 kA

$I_{cs}$  380/415 Vac/25 kA

Rated Current,  $I_n$  250-1200 Amperes

Rated Optional Voltage,  $U_e$  415 Vac

Rated Insulation Voltage,  $U_i$  750 Vac

Rated Impulse Voltage,  $U_{imp}$  8kV

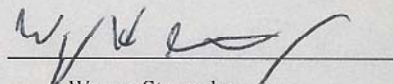
Rated Frequency 50/60 Hz.

Utilization Category B

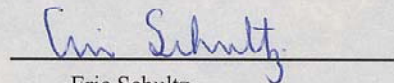
Suitable for Isolation



Approved by:

  
Wayne Stoppelmoor,  
Manager, Product Certification

Certified by:

  
Eric Schultz  
Certification Engineer

Issue Date: 10/18/06

Certificate No. 612.010



**SQUARE D COMPANY**

*SCHNEIDER ELECTRIC*

**CERTIFICATE OF: COMPLIANCE WITH TYPE TESTS**

APPARATUS: Electronic Trip Molded Case Circuit Breaker, 3 and 4 pole.

DESIGNATION: Catalog Number Prefixes: PK

TEST REFERENCE: Report Nos. F01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

The apparatus constructed in accordance with the description stated upon this certificate and contained in the referenced test report has been subjected to the series of proving tests in accordance with:

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EN 60947-2, 3rd Edition

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Rated Short Circuit Current,  $I_{cc}$  and  $I_{cs}$

$I_{cu}$  240 Vac/50 kA

$I_{cu}$  380/415 Vac/50 kA

$I_{cs}$  240 Vac/25 kA

$I_{cs}$  380/415 Vac/25 kA

Rated Current,  $I_n$  250-1200 Amperes

Rated Optional Voltage,  $U_e$  415 Vac

Rated Insulation Voltage,  $U_i$  750 Vac

Rated Impulse Voltage,  $U_{imp}$  8kV

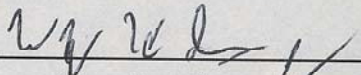
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Utilization Category B

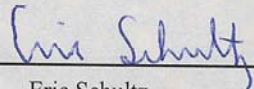
Suitable for Isolation



Approved by:

  
Wayne Stoppelmoor,  
Manager, Product Certification

Certified by:

  
Eric Schultz  
Certification Engineer

Issue Date: 10/18/06

Certificate No. 612.011



**SQUARE D COMPANY**  
*SCHNEIDER ELECTRIC*

**CERTIFICATE OF: COMPLIANCE WITH TYPE TESTS**

APPARATUS: Electronic Trip Molded Case Circuit Breaker, 3 and 4 pole.

DESIGNATION: Catalog Number Prefixes: PL

TEST REFERENCE: Report Nos. F01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

The apparatus constructed in accordance with the description stated upon this certificate and contained in the referenced test report has been subjected to the series of proving tests in accordance with:

IEC 60947-2, 3rd Edition  
EN 60947-2, 3rd Edition

Based on acceptable results as shown in the Square D Company and Merlin Gerin referenced test reports, the values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned as stated for the designated product.

Rated Short Circuit Current,  $I_{cc}$  and  $I_{cs}$

$I_{cu}$  240 Vac/125 kA

$I_{cu}$  380/415 Vac/85 kA

$I_{cs}$  240 Vac/65 kA

$I_{cs}$  380/415 Vac/45 kA

Rated Current,  $I_n$  250-1200 Amperes

Rated Optional Voltage,  $U_e$  415 Vac

Rated Insulation Voltage,  $U_i$  750 Vac

Rated Impulse Voltage,  $U_{imp}$  8kV

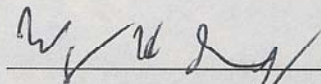
Rated Frequency 50/60 Hz.

Utilization Category B

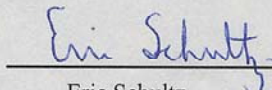
Suitable for Isolation



Approved by:

  
Wayne Stoppelmoor,  
Manager, Product Certification

Certified by:

  
Eric Schultz  
Certification Engineer



## Certificate of Conformity No. 612.008

**Issued To:** Square D Company  
3700 Sixth Street SW  
Cedar Rapids, IA 52404 USA

**For The Apparatus:** Electronic Trip Molded Case Circuit Breakers, 3 and 4 polc.  
Catalog Number Prefix: PG (250-1200 A) equivalent to Merlin Gerin  
NS630bL – NS1000L.

**Based on Standards:** IEC 60947-2, 3rd Edition, Sequences I, II and III  
EN 60947-2, 3rd Edition, Sequences I, II and III

### Rated Characteristics

Operational voltage:	415 Vac
Insulation voltage:	750 Vac
Operational current:	250-1200 A
Ultimate short-circuit breaking capacity:	240 Vac/50 kA - 380/415 Vac/35 kA
Service short-circuit breaking capacity:	240 Vac/25 kA - 380/415 Vac/20 kA
Utilization category:	B
Frequency:	50/60 Hz

### Documents Taken Into Account:

Records of proving test – Report Nos. F.01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

Based on acceptable results as shown in the Square D Company referenced test reports, the values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned as stated for the designated product.

Date: 10/18/06

Authorization Signature  
Wayne Stoppelmoor  
Manager, Product Certification



## Certificate of Conformity No. 612.009

**Issued To:** Square D Company  
3700 Sixth Street SW  
Cedar Rapids, IA 52404 USA

**For The Apparatus:** Electronic Trip Molded Case Circuit Breakers, 3 and 4 pole.  
Catalog Number Prefix: PJ (250-1200 A) equivalent to Merlin Gerin  
NS630bL – NS1000L.

**Based on Standards:** IEC 60947-2, 3rd Edition, Sequences I, II and III  
EN 60947-2, 3rd Edition, Sequences I, II and III

### Rated Characteristics

Operational voltage:	415 Vac
Insulation voltage:	750 Vac
Operational current:	250-1200 A
Ultimate short-circuit breaking capacity:	240 Vac/65 kA - 380/415 Vac/50 kA
Service short-circuit breaking capacity:	240 Vac/35 kA - 380/415 Vac/25 kA
Utilization category:	B
Frequency:	50/60 Hz

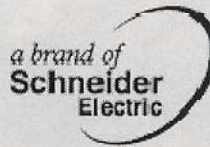
### Documents Taken Into Account:

Records of proving test – Report Nos. F.01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

Based on acceptable results as shown in the Square D Company referenced test reports, the values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned as stated for the designated product.

Date: 10/18/06

Authorization Signature  
Wayne Stoppelmoor  
Manager, Product Certification



## Certificate of Conformity No. 612.010

**Issued To:** Square D Company  
3700 Sixth Street SW  
Cedar Rapids, IA 52404 USA

**For The Apparatus:** Electronic Trip Molded Case Circuit Breakers, 3 and 4 pole.  
Catalog Number Prefix: PK (250-1200 A) equivalent to Merlin Gerin  
NS630bL – NS1000L.

**Based on Standards:** IEC 60947-2, 3rd Edition, Sequences I, II and III  
EN 60947-2, 3rd Edition, Sequences I, II and III

### Rated Characteristics

Operational voltage:	415 Vac
Insulation voltage:	750 Vac
Operational current:	250-1200 A
Ultimate short-circuit breaking capacity:	240 Vac/50 kA - 380/415 Vac/50 kA
Service short-circuit breaking capacity:	240 Vac/25 kA - 380/415 Vac/25 kA
Utilization category:	B
Frequency:	50/60 Hz

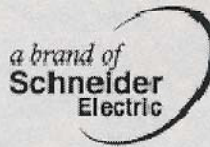
### Documents Taken Into Account:

Records of proving test – Report Nos. F.01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

Based on acceptable results as shown in the Square D Company referenced test reports, the values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned as stated for the designated product.

Date: 10/18/06

Authorization Signature  
Wayne Stoppelmoor  
Manager, Product Certification



## Certificate of Conformity No. 612.011

**Issued To:** Square D Company  
3700 Sixth Street SW  
Cedar Rapids, IA 52404 USA

**For The Apparatus:** Electronic Trip Molded Case Circuit Breakers, 3 and 4 pole.  
Catalog Number Prefix: PL (250-1200 A) equivalent to Merlin Gerin  
NS630bL – NS1000L.

**Based on Standards:** IEC 60947-2, 3rd Edition, Sequences I, II and III  
EN 60947-2, 3rd Edition, Sequences I, II and III

### Rated Characteristics

Operational voltage:	415 Vac
Insulation voltage:	750 Vac
Operational current:	250-1200 A
Ultimate short-circuit breaking capacity:	240 Vac/125 kA - 380/415 Vac/85 kA
Service short-circuit breaking capacity:	240 Vac/65 kA - 380/415 Vac/45 kA
Utilization category:	B
Frequency:	50/60 Hz

### Documents Taken Into Account:

Records of proving test – Report Nos. F.01.04.16, F01.04.22, F01.00.019a, F01.00.20,  
A2000.0174a, A2000.0174b, A2000.0174c, TRT151-54

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