

Issue Date: 3/23/05

Certificate No. 612.003



**CERTIFICATE OF: COMPLIANCE WITH TYPE TESTS**

**APPARATUS:** Thermal Magnetic Molded Case Circuit Breakers, 2-3 pole, fixed thermal and adjustable instantaneous magnetic releases.

**DESIGNATION:** Catalog Number Prefixes: MJ

**TEST REFERENCE:** Project No: 402.01  
Report No: 402.01.01

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 referenced test report, the values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned as stated:

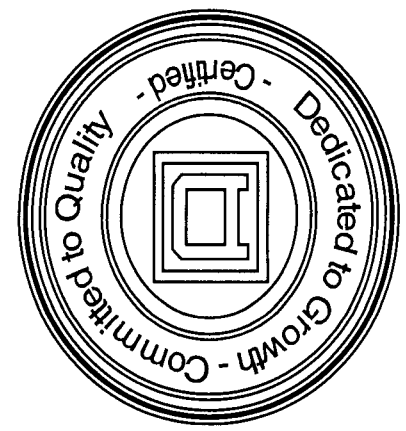
- Rated Short Circuit Current,  $I_{cs}$  and  $I_{cu}$
- $I_{cs}$  415V/50KA
- $I_{cu}$  240V/65KA
- $I_{cs}$  415V/25KA
- $I_{cu}$  240V/35KA
- Rated Current,  $I_n$  300-800 Amperes
- Rated Optional Voltage,  $U_e$  415 Vac
- Rated Insulation Voltage,  $U_i$  750 Vac
- Rated Impulse Voltage,  $U_{imp}$  8kV
- Rated Frequency 50/60 Hz
- Utilization Category A
- Suitable for Isolation

Approved by:

*Wayne Stoppelmooor*  
Wayne Stoppelmooor  
Manager, Product Certification

Certified by:

*Eric Schultz*  
Eric Schultz  
Certification Engineer



Issue Date: 3/23/05

Certificate No. 612.002



**CERTIFICATE OF COMPLIANCE WITH TYPE TESTS**

**APPARATUS:**

Thermal Magnetic Molded Case Circuit Breakers, 2-3 pole, fixed thermal and adjustable instantaneous magnetic releases.

**DESIGNATION:**

Catalog Number Prefixes: MG

**TEST REFERENCE:**

Project No: 402.01  
Report No: 402.01.01

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 referenced test report, the values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned as stated:

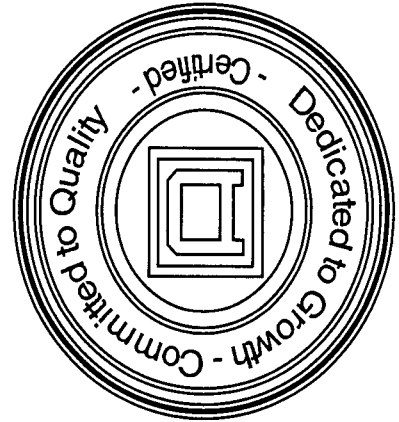
Rated Short Circuit Current,  $I_{cs}$  and  $I_{cu}$   
 $I_{cs}$  415V/35KA  
 $I_{cu}$  240V/50KA  
 $I_{cs}$  415V/20KA  
 $I_{cu}$  240V/25KA  
Rated Current,  $I_n$  300-800 Amperes  
Rated Optional Voltage,  $U_c$  415 Vac  
Rated Insulation Voltage,  $U_i$  750 Vac  
Rated Impulse Voltage,  $U_{imp}$  8kV  
Rated Frequency 50/60 Hz  
Utilization Category A  
Suitable for Isolation

Approved by:

Wayne Stoppehmoor  
Manager, Product Certification

Certified by:

Eric Schultz  
Certification Engineer





**Certificate of Conformity No. 612.002**

**Issued To:** Square D Company

3700 Sixth Street SW

Cedar Rapids, IA 52404 USA

**For The Apparatus:** Thermal Magnetic Molded Case Circuit Breakers, 2-3 pole,

fixed thermal and adjustable instantaneous magnetic releases.

Catalog Number Prefix: MG (300-800 A)

**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: 240 Vac to 415 Vac
- Insulation voltage: 750 Vac
- Operational current: 300-800 A
- Ultimate short-circuit breaking capacity: 240 Vac/50 kA - 415 Vac/35 kA
- Service short-circuit breaking capacity: 240 Vac/25 kA - 415 Vac/20 kA
- Utilization category: A
- Frequency: 50/60 Hz

**Documents Taken Into Account:**

Records of proving test - Project No. 402.01

This certificate applies only to the sample submitted to the type test.

Date: 06/17/05

Wayne Stoppelmoor  
Manager, Product Certification



**Certificate of Conformity No. 612.003**

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

**For The Apparatus:** Thermal Magnetic Molded Case Circuit Breakers, 2-3 pole, fixed thermal and adjustable instantaneous magnetic releases. Catalog Number Prefix: MJ (300-800 A)

**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: 240 Vac to 415 Vac  
Insulation voltage: 750 Vac  
Operational current: 300-800 A  
Ultimate short-circuit breaking capacity: 240 Vac/65 kA - 415 Vac/50 kA  
Service short-circuit breaking capacity: 240 Vac/35 kA - 415 Vac/25 kA  
Utilization category: A  
Frequency: 50/60 Hz

**Documents Taken Into Account:**  
Records of proving test - Project No. 402.01

This certificate applies only to the sample submitted to the type test.

Date: 06/17/05

Wayne Stoppelmoor  
Manager, Product Certification  
Authorization Signature