

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/55KA

Rated Current, I_n 300-800 Amperes

Rated Optional Voltage, U_e 415 Vac

Rated Insulation Voltage, U_i 750 Vac

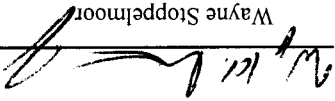
Rated Impulse Voltage, U_{imp} 8kV

Rated Frequency 50/60 Hz

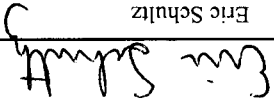
Utilization Category A

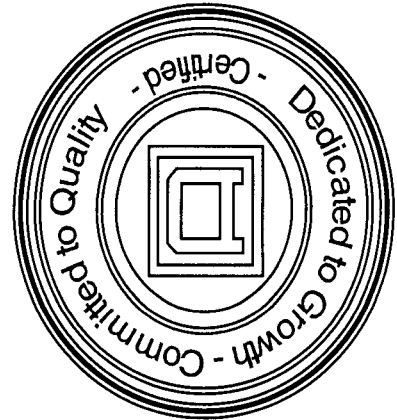
Suitable for Isolation

Approved by:


Wayne Stoppelmooor
Manager, Product Certification

Certified by:


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

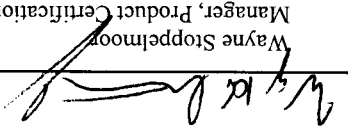
Rated Impulse Voltage, U_{imp} 8kV

Rated Frequency 50/60 Hz

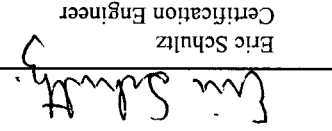
Utilization Category A

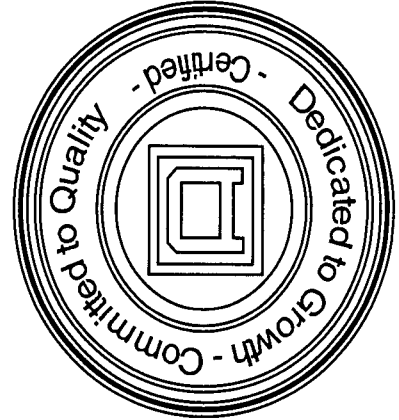
Suitable for Isolation

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

Authorization Signature

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