



Recommended Practice for
Installing and Maintaining

Motor Control Centers

NEIS[®]



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National Electrical
Contractors Association



NECA 402–2000
Recommended Practice for
Installing and Maintaining
Motor Control Centers



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National Electrical Installation Standards™

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Table of Contents

Foreword	v
1. Scope	1
2. Motor Control Center Receiving, Handling and Storing	2
2.1 Receiving the Motor Control Center	
2.2 Handling the Motor Control Center	
2.3 Storing the Motor Control Center	
3. Installation	4
3.1 Location	
3.2 Foundation Preparation	
3.3 General Installation Instructions	
3.4. Installing Vertical Sections	
3.5. Joining Motor Control Sections	
3.6 Anchoring the Motor Control Center	
3.7 Installing Interconnections Between Motor Control Sections	
3.8 Grounding Bus Splice Connections	
3.9 Grounding and Bonding	
3.10 Cable, Conduit, and Wire Installation	
3.11 Busway Connections	
4. Pre-Energizing Checkout Procedure	11
4.1 General	
4.2 Clean-Up	
4.3 Insulation Test	
4.4 Circuit Breakers and Fusible Switches	
4.5 Ground-Fault Protection	
4.6 Interconnections	
4.7 Power Fuses and Control Power Disconnect	
4.8 Close-up	
5. Energizing the Motor Control Center	13
6. Motor Control Center Maintenance	14
6.1 General Inspection	
6.2 Bus Bar Joints	
6.3 Field Testing Molded-Case Circuit Breakers and Motor Circuit Protectors . . .	

NECA 402 Recommended Practice for Installing and Maintaining Motor Control Centers

6.4	Field Testing Fusible Switches	
6.5	Fuse Replacement	
6.6	Ground-fault Protection Systems	
7.	Adverse Circumstances17
7.1	Inspection Following a Short-Circuit or Ground-Fault Condition	
7.2	Replacing a Motor Control Center Submerged or Soaked by Water	
7.3	Inspecting and Re-Energizing a Motor Control Center Sprayed or Splashed with Clean Water	
8.	Recommended Torque Requirements19
9.	Motor Control Center Insulation Resistance Chart21
10.	Operations and Maintenance Documents22
Annex A:	Reference Standards23

(This foreword is not a part of the standard)

Foreword

National Electrical Installation Standards™ are designed to improve communication among specifiers, purchasers, and suppliers of electrical construction services. They define a minimum baseline of quality and workmanship for installing electrical products and systems. *NEIS™* are intended to be referenced in contract documents for electrical construction projects. The following language is recommended:

Motor Control Centers shall be installed and maintained in accordance with NECA 402, *Recommended Practice for Installing and Maintaining Motor Control Centers*.

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The installation and maintenance practices recommended by this publication are intended to comply with the edition of the National Electrical Code® (NEC) in effect at the time of publication. *NEIS™* are not intended to duplicate NEC requirements nor to establish regulatory requirements for electrical construction. It is the responsibility of users of this standard to comply with state and local electrical codes when installing electrical products and systems.

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1. Scope

This recommended practice describes installation procedures for motor control centers rated 600 volts or less. It also covers periodic routine maintenance procedures for motor control centers and special procedures to be used after adverse circumstances such as a short-circuit, ground-fault or immersion in water.

All information in this publication is intended to conform to the National Electrical Code® (ANSI/NFPA Standard 70). Installers should always follow the NEC, applicable state and local codes, and manufacturer's instructions when installing and maintaining motor control centers.

Only qualified persons familiar with the construction and operation of motor control centers should perform the work described in this publication.