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Schneider Electric QOM22225NRB

Schneider Electric QOM22225NRB Circuit Breaker Enclosure

INSTRUCTION MANUAL

1. Product Overview

The Schneider Electric QOM22225NRB is a NEMA 3R rated enclosure designed to house a 225-Amp, 2-pole circuit breaker. This enclosure provides protection for electrical components against environmental factors, making it suitable for outdoor installations. Schneider Electric is committed to developing connected technologies and solutions that manage energy and processes safely, reliably, efficiently, and sustainably.



This image displays two Schneider Electric QOM22225NRB NEMA 3R circuit breaker enclosures from a side perspective. The enclosures are constructed from durable gray metal, designed for outdoor use with NEMA 3R rating. Visible features include the conduit knockouts on the sides and bottom for electrical wiring entry, and the overall sturdy build suitable for protecting internal electrical components.

2. Safety Information

WARNING: This product must be installed, operated, serviced, and maintained by qualified personnel only. Failure to follow these instructions can result in death, serious injury, or equipment damage.

- Always disconnect power before working on or inside the enclosure.

- Use appropriate personal protective equipment (PPE).
- Verify all local and national electrical codes are followed during installation.
- Ensure proper grounding and bonding of the enclosure.
- Do not modify the enclosure or its components.

3. Package Contents

The package for the Schneider Electric QOM22225NRB enclosure typically includes:

- One (1) QOM22225NRB Enclosure
- Installation hardware (may vary)

Note: A circuit breaker is typically sold separately and is not included with the enclosure.

4. Setup and Installation

Installation of this electrical enclosure requires adherence to all applicable electrical codes and safety standards. It is strongly recommended that installation be performed by a licensed electrician.

1. **Mounting:** Select a suitable, stable, and accessible location for the enclosure. Securely mount the enclosure to a wall or other rigid structure using appropriate fasteners. Ensure the enclosure is level and plumb.
2. **Conduit Entry:** Use the designated knockouts for conduit entry. Ensure proper conduit connections to maintain the NEMA 3R rating.
3. **Wiring:** Install the appropriate 225-Amp, 2-pole circuit breaker (sold separately) into the enclosure according to the breaker manufacturer's instructions and the enclosure's internal layout. Connect incoming and outgoing electrical conductors to the circuit breaker and terminal blocks as required, following all wiring diagrams and local codes.
4. **Grounding and Bonding:** Establish proper grounding and bonding connections for the enclosure and all internal metallic components to the main electrical system ground.
5. **Final Inspection:** Before restoring power, perform a thorough visual inspection to ensure all connections are tight, wiring is correctly routed, and there are no loose debris or tools inside the enclosure.

5. Operating Instructions

The QOM22225NRB is an enclosure designed to protect a circuit breaker. Its operation is passive, providing a safe housing for the electrical components. Any interaction with the circuit breaker itself (e.g., turning it ON or OFF, resetting) should be done with caution and only by qualified individuals familiar with electrical safety procedures. Ensure the enclosure door is securely closed and latched after any access to maintain its protective rating.

6. Maintenance

Regular maintenance helps ensure the longevity and safe operation of the enclosure. All maintenance should be performed by qualified personnel with power disconnected.

- **Periodic Inspection:** Annually inspect the enclosure for signs of physical damage, corrosion, loose connections, or water ingress.

- **Cleaning:** Keep the exterior of the enclosure clean from dust, dirt, and debris. Use a damp cloth for cleaning; avoid abrasive cleaners or solvents.
- **Seal Integrity:** Check door gaskets and seals for wear or damage to ensure the NEMA 3R rating is maintained. Replace if necessary.
- **Tightness of Connections:** Periodically verify the tightness of all electrical connections within the enclosure.

7. Troubleshooting

Troubleshooting issues related to an electrical enclosure typically involves addressing problems with the electrical system it houses. If you experience any electrical issues, such as power outages, flickering lights, or unusual noises, consult a qualified electrician immediately. Do not attempt to diagnose or repair electrical problems yourself unless you are a qualified professional.

- **No Power:** Check the main circuit breaker within the enclosure. If tripped, attempt to reset it once. If it trips again, there may be an overload or fault.
- **Water Inside Enclosure:** Immediately disconnect power. Identify the source of water ingress (e.g., damaged seal, improper conduit connection) and repair it. Allow the interior to dry completely before restoring power.
- **Corrosion:** Address corrosion promptly to prevent further degradation. Clean affected areas and apply appropriate protective coatings if safe to do so.

8. Specifications

Feature	Specification
Brand	Schneider Electric
Model Number	QOM22225NRB
Product Dimensions (L x W x H)	11.5" x 12" x 12"
Maximum Current Rating	225 Amps
Internal Conductor Material	Copper
Number Of Circuits	48
Phase Type	Three Phase
Item Weight	14.47 pounds
Item Package Quantity	1
UPC	785901328872

9. Warranty and Support

Specific warranty information for the Schneider Electric QOM22225NRB enclosure is not provided in this document. For details regarding product warranty, technical support, or service, please refer to the official Schneider Electric website or contact their customer service directly. Always provide your product model number (QOM22225NRB) when seeking support.

You can visit the Schneider Electric store on Amazon for more information:[Schneider Electric Store](#)

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