

SECTION 16440000  
QMW, QMR FUSIBLE DISCONNECT SWITCHES

PART 1.03 REFERENCES

- A. ANSI/NEMA KS 1, Enclosed and Miscellaneous Distribution Equipment Switches (600 Volts)
- B. ANSI/NFPA 70, National Electrical Code
- C. UL 508, Industrial Control Equipment
- D. UL 98, Enclosed and Dead Front Switches

PART 2 PRODUCTS

2.01 MANUFACTURER

A. General Electric Company products have been used as the basis for design. Other manufacturers' products of equivalent quality, dimensions and operating features may be acceptable, at the Engineer's discretion, if they comply with all requirements specified or indicated in these Contract documents.

2.02 MANUFACTURED ASSEMBLIES

A. Furnish fusible disconnect switches, GE Premium Duty Type QMW or Heavy Duty Type QMR disconnects (or equal) as indicated in drawings.

2.03 COMPONENTS

Refer to Drawings for: actual layout and location of equipment and components; current ratings of devices, bus bars, and components; voltage ratings of devices, components and assemblies; and other required details.

A. Standard features

1. All disconnects shall have positive quick-make quick-break, over-center toggle mechanisms and shall be rated as indicated in drawings.
2. Disconnects shall have visible blades.
3. Disconnects shall have published 600 VAC interrupting ratings without fuses.

B. Premium Duty QMW 30 to 200 ampere and Heavy Duty QMR 30 to 200 ampere disconnect switches shall be UL Recognized for use on circuits capable of delivering 200,000 RMS symmetrical amperes at 600 VAC maximum when equipped with rated size Class R or Class J fuses.

C. 400 and 600 ampere Heavy Duty QMR disconnect switches shall be UL Recognized for use on circuits capable of delivering 100,000 RMS symmetrical amperes at 600 VAC maximum when equipped with rated size Class R or Class J fuses.

2.04 ACCESSORIES

- A. Class R fusing conversion kits
- B. Handle operator

2.05 TESTING

A. All disconnect switches shall be UL tested in accordance with UL 98, shall be UL Component Recognized and shall meet performance requirements of ANSI/NEMA KS 1.

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2.06 FINISH