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Sommario/riassunto	<p>Metal-clad (MC) medium-voltage switchgear that contains drawout electrically operated circuit breakers is covered. MC switchgear is compartmentalized to isolate components such as instrumentation, main bus, and both incoming and outgoing connections with grounded metal barriers. Ranges from 4.76 kV to 48.3 kV with main bus continuous current ratings of 1200 A, 2000 A, 3000 A, and 4000 A are the rated maximum voltage levels for metal-clad switchgear . Associated control, instruments, metering, relaying, protective, and regulating devices, as necessary, are also contained by MC switchgear. Service conditions, ratings, temperature limitations and classification of insulating materials, insulation (dielectric) withstand voltage requirements, test procedures, and applications are discussed.</p>