



EntelliGuard* G

Uncompromising, Fast and Selective



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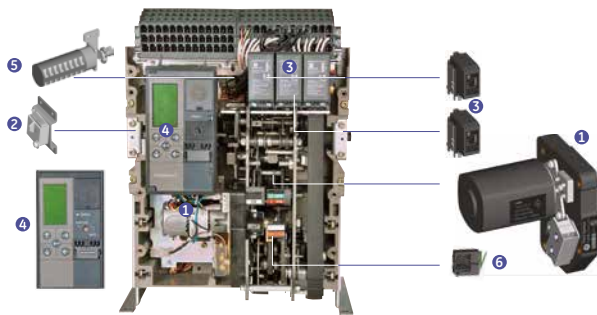
Power Circuit Breaker

EntelliGuard* G is a new line of Air Circuit Breakers that has evolved from the existing M-Pact Plus & ME07 series to offer a truly global product platform meeting IEC, ANSI and UL standards.

A line of three and four pole devices ranging from 400 to 6400Amp in four basic frames with fault interruption ratings of up to 150kAmps. A design offering a unique combination of High Fault current withstand ratings, short fault interruption time and selectivity.

The device includes the new state-of-the-art EntelliGuard trip unit that enables the circuit breaker with the latest technology for system safety, reliability, measurement, relaying and communications using the Modbus or Profibus protocol.

Easy to Fit, Common and Modular accessories



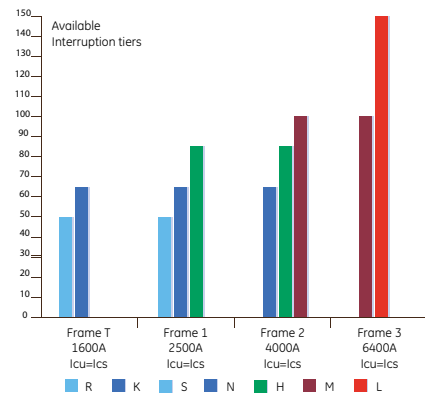
- 1 Electrical operator
- 2 Bell alarm switch
- 3 A max of 4 closing coils, shunt or undervoltage releases
- 4 Electronic trip unit
- 5 A maximum of 8 auxiliary switches
- 6 Ready to close or spring charged contact

Plug and Play

Electronic trip units are normally supplied factory fitted. However spares are available that plug into the breaker, automatically read the main breaker data and adjust themselves automatically to the breaker type.

GE's new lines meet the latest technical standards and regulations and have been certified by authorities as Lovag, the KEMA and Lloyd's.

The components in these lines have been designed to be an integral part of a solution. A complete low voltage distribution and control range including components, accessories and the distribution and controls equipment they fit into.



Uncompromising...

Designed to provide the user with years of safe and reliable service by combining a long mechanical and electrical operation life span with interruption features specifically designed to provide selectivity and reduce hazards to the user.

Easy to Install

EntelliGuard G Air Circuit Breakers are available in fixed or draw-out configuration. Each configuration offers the highest possible current rating when enclosed in a panel or equipment and provides ample space to connect incoming and outgoing busbars and cables. Multiple front or rear access connection options are available.

Independent of the number of poles, the rated current or the interruption rating, each of the two configurations has a common height, depth and doorcut out dimensions.

This simplifies the design of panels and equipment in which these devices are used.(1)

EntelliGuard G is a new breaker that embraces it's heritage. Without compromising any of the new design features EntelliGuard G is more than 80% compatible with the older M-PACT Plus design.

(1) The width does vary

State of the Art Trip Units

All EntelliGuard G Breakers are equipped with a digital electronic trip unit , available in four basic versions E, S, N and H. Each has a common design that comes with a screen providing an ammeter and allowing a simple and accurate menu driven adjustment of the breaker parameters across a broad current range.

The basic E type is designed as a fully selective trip unit including an ammeter, overload settings from 0.2 to 1 times the breaker rating and a short-circuit protection with adjustable timings. The S type adds a standard or high value adjustable instantaneous short-circuit protection and is available with Ground Fault protection and /or communication.

The N type trip unit enhances the functionality of the breaker by adding a full measurement package whilst the H type adds functionality such as relay outputs, wave form capture, a choice of communication protocols and a dual ground fault protection device. Variants of the GT-H type trip unit are available with restricted, standby and/or unrestricted earth fault.



GE Industrial Solutions is a first class global supplier of low and medium voltage products including wiring devices, residential and industrial electrical distribution components, automation products, enclosures and switchboards. Demand for the company's products comes from wholesalers, installers, panelboard builders, contractors, OEMs and utilities worldwide.

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