# Essential components for electrical panel builders









## World-class products. World-wide acceptance.



GE circuit breakers and controls meet UL, CSA, IEC and CE standards – making them welcome around the world.

## Why customers choose GE

## A history of product quality and reliability

Over 100 years of experience have produced long-term customer relationships based on the quality of our products and service.

## Easy access to technical product support

Innovative electronic tools like Smart Catalogs<sup>™</sup> provide easy access to accurate technical data. Our technical support team in Richmond, Virginia, answers your questions.

## Accurate, on-time deliveries

With over 12,000 units in stock and up to a 99% fill rate on certain frequently ordered products, we make sure your delivery requirements are met.

## Choose circuit breakers, straps and interiors – or all of them



We can provide a broad array of electrical panel components to meet your needs. Whether you just need circuit breakers, circuit breakers and straps, or a complete panel board interior, we have the right solution. We can also offer UL extension filing to simplify your processes and save you time and money.

## A-Series® panelboard interiors – AQ, AL, AE AD types

- Parts, sub-assemblies or complete interiors
- 125-600A, 240-600Vac range

## Spectra Series® power panel

- Mounting hardware and interiors
- 250-1200A, 240-600Vac range
- Boxes, dead-front shields and fronts available

## POWER BREAK® II insulated case circuit breakers

- Power systems rated 208 to 600 VAC
- 100% rated from 800 to 4000 amperes
- Short circuit interrupting ratings from 65kA to 150kA RMS symmetrical available up to 200kA with fuses
- Three trip unit options: Power+, Enhanced MicroVersaTrip Plus, and MicroVersaTrip PM
- OEM substructure available
- Designed and tested to meet ANSI, UL and CSA standards
- Full selection of field installable accessories
- 5-day shipping when required



## World-class products. World-wide acceptance.

## Molded case circuit breakers for specific needs

## Thermal magnetic - a history of reliability

Available up to 1200A, our full range of thermal magnetic trip molded case circuit breakers offer a proven solution:

- TEY100: 1-3 poles, 277/480VAC, 125/250VDC
- E150: 1-3 poles, up to 600VAC, up to 500VDC
- F225, J600, K1200: 2-3 poles, 600VAC, up to 500VDC
- UL489, CSA 22.2

### Accessories

- Bell alarm switch
- Auxiliary switch
- Shunt trip
- Under-voltage release
- Flange-mounted and door mounted operators
- Motor operators, mechanical interlocks, and locking devices
- Mounting kits, lugs, sensors

## Spectra RMS - solid state trip

Available up to 1200A, our Spectra RMS breakers have a digital, solid-state trip system with field-installable, front-mounted rating plugs to establish or change the breaker ampere rating.

- SE150, SF250, SG600, SK1200
- 2 or 3 poles, 240/480/600VAC rated
- SG and SK breakers are available with MicroVersaTrip® Plus and MicroVersaTrip PM electronic trip units which offer advanced trip and metering functions, protective relays, and communication capabilities.
- UL489, CSA 22.2, IEC (EN) 60947-2

### Accessories

- Power management system accessories
- Bell alarm and auxiliary switch
- Shunt trip and under-voltage release
- Flange-mounted and door mounted operators
- Motor operators, mechanical interlocks, locking devices
- Mounting kits, lugs, sensors

## Record Plus - setting new standards

Available up to 600A, our Record Plus molded case circuit breakers offer a new standard of performance:

- Up to 50% smaller size than competitive models
- Up to 200kAIC @ 480VAC for compatibility with ever-expanding available short circuit currents of with networked transformers
- Multiple rating plugs and internal accessories
- Thermal magnetic (FB, FC, FE) and Electronic (FE, FG) trip unit options
- Current limiting mitigates effects on protected equipment when short circuits
- Comprehensive range of internal and external accessories
- UL489, CSA 22.2, IEC (EN) 60947-2







## Compare the size difference versus competitors!

Dimension	FB100	FG600
Height	6.45"	10.3"
Width	4.1"	5.5"
Depth	3.88"	6.3"

## **Molded Case Circuit Breakers**

Туре	Frame	Poles	Width (in.)	Rated Current (A)	AC Ratings @ 480V (kAIC)	DC Rated	Trip System	Approvals
TQI	THQ	1, 2, 3	3.0	15-100	_	Yes	Thermal Magnetic	
	TQD	1, 2, 3	4.1	100-225	_			
	TEY	1, 2, 3	3.0	15-100	14			
	TED/THED	1, 2, 3	4.1	15-150	10-18			
	THFK	1, 2, 3	4.1	70-250	25			
	TJ	1, 2, 3	8.25	125-600	30			
	TK	1, 2, 3	8.25	300-1200	30			
Spectra RMS®	SE	2,3	4.1	7-150	14-100	- No	Electronic	<b>(J)</b> IEC C €
13,33	SF	2,3	4.1	70-250	25-100			
0.0.0	SG	2,3	5.5	400-600	35-100			
	SK	2,3	8.25	800-1200	50-100			
Record Plus®	FB/FC	1,2,3	4.1	15-100	35-150	Yes	Thermal Magnetic	(f)
	FE	1,2,3	4.1	20-250	65-150		Thermal	<b>1</b> 500
	FG	1,2,3	5.5	250-600	65-200		Magnetic & Electronic	

## Real-time information. Real-people support.

Whether it's on the web, on your own computer or on the phone, getting transactional answers, product information and technical support from GE is easy and sure.

### 1-800-GE1-STOP

Based in Richmond, Virginia, our customer service team gives you easy access to specific technical support.

Just call 1-800-GE1-STOP.

A dedicated OEM support team stands ready to answer your transactional questions and support your business. We target an ASA (average speed of answer) of 30 seconds or less, a time-to-solution target of less than one business day, and a consistently high rate of first call resolution.

Another team of technical support people answer your questions regarding new products, replacements for obsolete components, renewal parts and documentation.

## www.geelectrical.com/oem

A new customized home page for original equipment manufacturers provides quick links and tools specific to your needs. It keeps you up to date on our new product launches and allows you to save your home page preferences.

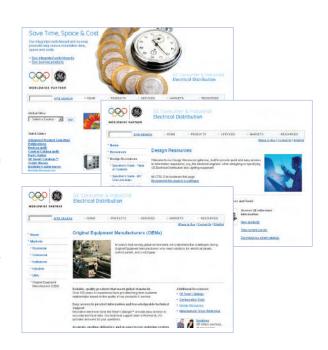
- Search functionality quickly zeroes in on detailed information for specific catalog numbers
- The Publication Library delivers application guides, installation and maintenance instructions, brochures, layouts and dimensions, and time current curves
- A Manufacturer Cross Reference allows you to look up multiple GE equivalent catalog numbers for a variety of competitors' products
- Design Resources offer specifications, detailed design tools and technical papers

### GE Smart Catalogs™

In these two catalogs are comprehensive data on all the products available from the Electrical Distribution business of GE Consumer & Industrial. Features and benefits, ratings and catalog numbers, dimensions and weights, operational characteristics, list prices and more. They're available:

- as Smart Catalogs<sup>™</sup> that let you learn about and download updates as they become available
- on the web and easily navigable via the Publications Library at www.geelectrical.com
- as printed catalogs to keep at your fingertips







## What you want. When you want it.

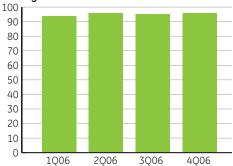
GE knows that panel builders and their customers often can't wait – not for products, responses or order information. GE helps you get down to business, now!

## Ready-to-go inventory

- Over 12,000 different SKUs are stocked to meet your delivery expectations
- Consistently high stock fill rate can exceed 94%; the most frequently used products have a 99% fill rate
- Same-day shipments for stock items and as few as 5 business days for non-stock products
- The Mascot, Tennessee, master warehouse covers 360,000 square feet and puts 280 people to work for you
- A Los Angeles satellite facility speeds service to the west coast



### Average Stock Fill Rate %

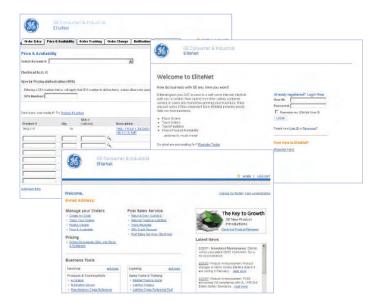


## Order management the way you like it

- EliteNet®, GE's easy-to-use web-based application, allows you to price, order, track and process returns
- Paperless Electronic Data Interchange is available to process purchase orders and invoices
- A dedicated OEM Customer Service team in Richmond, Virginia, delivers in-depth knowledge of your unique needs, proactive order management and reporting

## 1,400 distributor locations

When local contact is the answer, GE's authorized distributors meet your needs. With more than 500 different firms in over 1,400 locations, there's a local distributor near you, and specialist distributors address the needs of your target market segment. Find your nearest distributor easily at <a href="https://www.geelectrical.com">www.geelectrical.com</a>.





## Essential components for electrical panel builders.

## What panel builders need

Reliable, high quality products that meet global standards

Easy access to product information, knowledgeable technical support

Accurate, on-time delivery, easy-to-use ordering system

## What GE delivers

World class products and world-wide acceptance.

Over 100 years of experience produce long-term customer relationships based on the quality of our products and service.

Real-time information, real people support.

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## More essential panel components

## Type IP core and coil transformers

- 25-3000VA, multiple voltage, termination and fuse holder options
- NEMA ST20, UL and c-UL listed, CE rated designs satisfy EN 60742



## C-2000 IEC power devices

- Contactors, relays, accessories, enclosures, and assembled starters
- Easy installation



### C-2000 IEC pilot devices and disconnects

- All ratings, four operator styles, full range of types
- Contact blocks, power supplies, enclosures, nameplates and lamps



**GE Consumer & Industrial** 41 Woodford Avenue Plainville, CT 06062

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