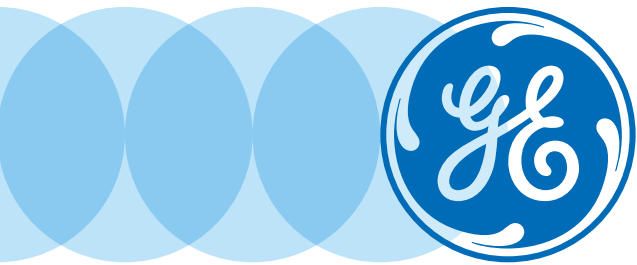


GE
Industrial Solutions

Spectra* Series Plug-in Switchboards

Pro-Stock Program



Spectra Series Switchboards

With an installed base of thousands of units worldwide, Spectra Series switchboards set the standard for functionality, flexibility, and rugged, durable construction. Our Pro-Stock Program builds on this legacy and provides the foundation for power distribution systems wherever 24/7 reliability is an absolute necessity.

Utilizing the universal design that Spectra Series switchboards offer allows for substantial flexibility for a wide variety of customer applications. The modular assembly of the plug-in style connections help reduce the maintenance and assembly time.

This innovative design approach also facilitates field reconfiguration allowing branch fusible units to be substituted with circuit breaker units.



130 Years

There are few companies in the world with as long or as distinguished a record of innovation as GE. And while we're proud of our history, our success has always depended on our ability to look ahead and anticipate the needs of our customers.

Pro-Stock Program

Spectra Series plug-in switchboards offer a sophisticated design that provides the high quality and reliability long associated with GE group-mounted switchboards. Spectra Series plug-in switchboards are designed and manufactured to meet the stringent GE internal standards along with NEMA, NEC and UL requirements.

Feature and Benefits

- Main bus, 1200-2000 amp, copper or aluminum
- Short circuit ratings allow up to 65kA @ 480/277 VAC
- Fully rated bus with provision for future extensions left and right
- Front access only with hinged doors
- Front and rear alignment for splicing sections
- Spectra plug-in panel type for easy installation of breakers
- Main device, 1200-2000 amp, manually operated main – Programmer (ETU) LSIG
- EPM 2200 Digital Power Meter available for main sections
- Qualified for Seismic Ratings per publication DET-463 and OSP-0044-10
- Enclosures available in NEMA Type 1¹

Service information

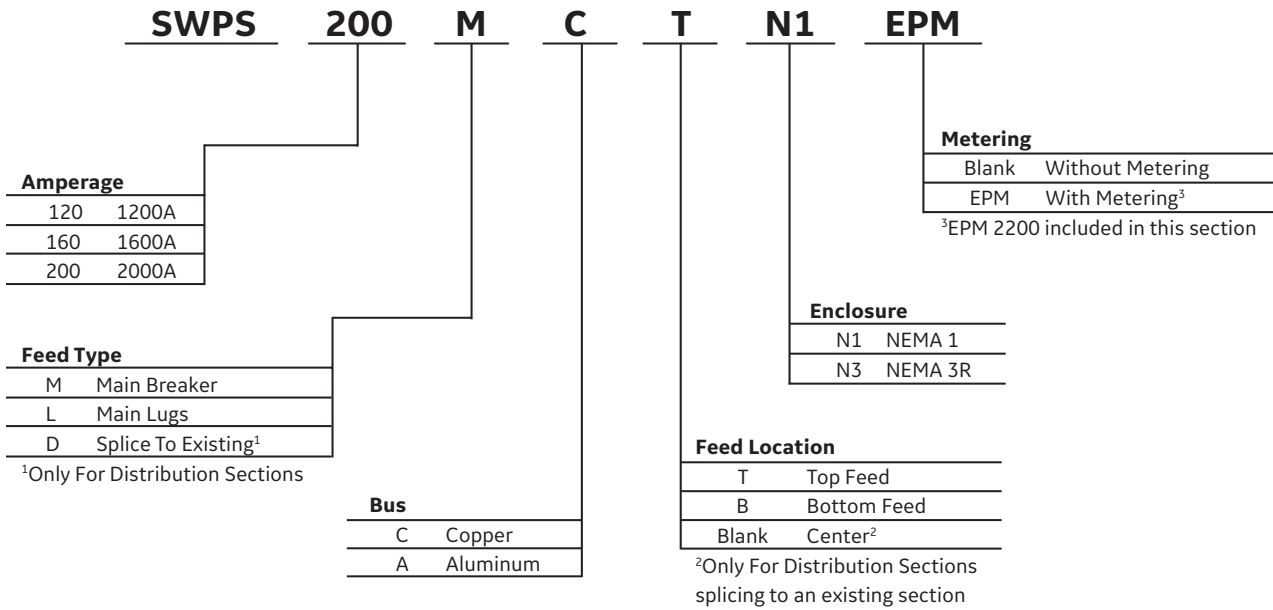
- Service Entrance Labeling
- 3P, 4W-480/277 VAC maximum
- Fully Rated 65kAIC maximum

¹NEMA 3R available in Summer 2016



Take advantage of the GE Spectra Series Switchboards Pro-Stock Program. Contact your GE Distributor for complete details.

Pro-Stock Program Nomenclature

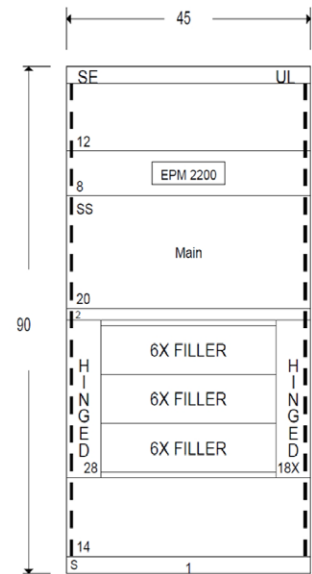


Technical Data

Product Capability/Specification	Pro-Stock Switchboard
Enclosure Types	NEMA 1
Section Dimensions	45" W x 90" H x 30" D (1200A NEMA 1) 45" W x 90" H x 35" D (1600-2000A NEMA 1)
Voltage	208/120Vac 3 Phase 4 Wire 60Hz 480/277Vac 3 Phase 4 Wire 60Hz
Amperage	1200A 1600A 2000A
Panel Type	Spectra Plug-In (C/B Feeders Only)
Panel Size	Main Breaker and Distribution Section: 38X (1200A) & 18X (1600-2000A) Distribution Section: 38X (1200-2000A)
Bus Bar	Copper (1000 A/Sq. In.) Aluminum (750 A/Sq. In.)
Standards	UL, NEMA, NEC, PB II
Seismic Rating	Qualified for Seismic Ratings per publication DET-463 and OSP-0044-10
Entry	Cable
Feed Location	Top or Bottom Feed
Lug Type	Mechanical Aluminum
Incoming Cable	Copper or Aluminum
Feed Direction	Right, Left or Both
Access	Front Access Only
Bus Bracing	65000A
Device S/C Rating	Rated to 65kAIC at 480/277Vac max. The short circuit rating of any switchboard section is limited to the lowest short circuit rating of any installed device.
Neutral Rating	100% Rating
Main Devices	1200A to 2000A ETU (LSIG) Programmer
Delivery Time	2 Weeks to Ship, 3 Weeks On-Site

Main Breaker and Distribution Section NEMA 1 Service Entrance - 480/277Vac or 208/120Vac

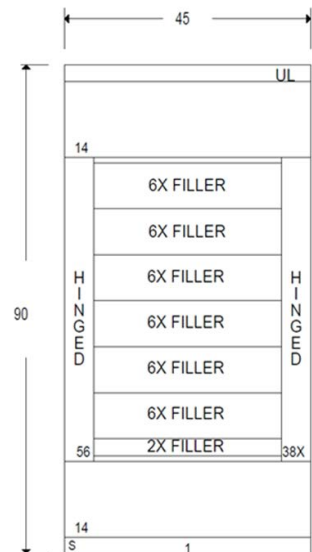
Incoming	Amperage	Meter Type	Copper Bus	Aluminum Bus
			Product Number	Product Number
Top Feed	1200	None	SWPS120MCTN1	SWPS120MATN1
	1600	None	SWPS160MCTN1	SWPS160MATN1
	2000	None	SWPS200MCTN1	SWPS200MATN1
	1200	EPM2200	SWPS120MCTN1EPM	SWPS120MATN1EPM
	1600	EPM2200	SWPS160MCTN1EPM	SWPS160MATN1EPM
	2000	EPM2200	SWPS200MCTN1EPM	SWPS200MATN1EPM
Bottom Feed	1200	None	SWPS120MCBN1	SWPS120MABN1
	1600	None	SWPS160MCBN1	SWPS160MABN1
	2000	None	SWPS200MCBN1	SWPS200MABN1
	1200	EPM2200	SWPS120MCBN1EPM	SWPS120MABN1EPM
	1600	EPM2200	SWPS160MCBN1EPM	SWPS160MABN1EPM
	2000	EPM2200	SWPS200MCBN1EPM	SWPS200MABN1EPM



Distribution Section NEMA 1 480/277Vac or 208/120Vac

Feed Type	Incoming	Amperage	Copper Bus	Aluminum Bus
			Product Number	Product Number
Splice to Existing Switchboard ⁴	Center	1200	SWPS120DCN1	SWPS120DAN1
		1600	SWPS160DCN1	SWPS160DAN1
		2000	SWPS200DCN1	SWPS200DAN1
Main Lugs	Top Feed	1200	SWPS120LCTN1	SWPS120LATN1
		1600	SWPS160LCTN1	SWPS160LATN1
		2000	SWPS200LCTN1	SWPS200LATN1
	Bottom Feed	1200	SWPS120LCBN1	SWPS120LABN1
		1600	SWPS160LCBN1	SWPS160LABN1
		2000	SWPS200LCBN1	SWPS200LABN1

⁴Splicing ONLY to another ProStock Switchboard



Circuit Breaker Mounting Modules Plug-In Spectra 3-pole

Mounting Arrangement	Max Breaker Amperage	Breaker Frame	X Height	Filler Plate Only Kit Product Number	Box Width Range	Complete Kit Product Number
Double Branch	100	THQB or THHQB	3X	AFP3QBD	27", 31", 36", 40", 44"	AMC6QBFP
	100	TEY	3X	AFP3EYD	27", 31", 36", 40", 44"	AMC6EYFP
	100	FBV, FBN, FBH, or FBL	3X	AFP3FBD	27", 31", 36", 40", 44"	AMC6FBFP
	150	TEB, TED, THED, SEDA, SEHA, SELA or SEPA	3X	AFP3SED	27", 31", 36", 40", 44"	AMC6EBFP
	225	TQD or THQD	3X	AFP3QDD	27", 31", 36", 40", 44"	AMC6QDFP
	250	SFHA or SFLA or SFPA	3X	AFP3SFD	31", 36", 40", 44"	AMC6FJFP1
	600	FGL, FGN, FGH or FGP	4X	AFP4FGD	40", 44"	AMC6FGBFP
Single Branch	600	SGDA or SGHA or SGLA or SGPA	4X	AFP4SGD	40", 44"	AMC6GBFP2
	250	SFHA or SFLA or SFPA	3X	AFP3SFS	27", 31", 36", 40", 44"	AMC3FJFP1
	600	FGV, FGN, FGH or FGP	4X	AFP4FGS	27", 31", 36", 40", 44"	AMC3FGMFP
	600	SGDA or SGHA or SGLA or SGPA	4X	AFP4SGS	27", 31", 36", 40", 44"	AMC3GMFP
	1200	SKHA or SKLA	6X	AFP6SKS	40", 44"	AMC3KMFP
	1200	SKPA	6X	AFP6SKS	44"	AMC3KMFP

Circuit Breaker Mounting Modules Plug-In Spectra 2-pole

Mounting Arrangement	Max Breaker Amperage	Breaker Frame	X Height	Filler Plate Only Kit Product Number	Box Width Range	Complete Kit Product Number
Double Branch	100	THQB or THHQB	3X	AFP3QBD	27", 31", 36", 40", 44"	AMC6QBFP
	100	TEY	3X	AFP3EYD	27", 31", 36", 40", 44"	AMC6EYFP
	150	TEB or TED	3X	AFP2TED	27", 31", 36", 40", 44"	AMC4EBFP
	150	SEDA or SEHA or SELA or SEPA, THED	3X	AFP3SED	27", 31", 36", 40", 44"	AMC4SEFP
	225	TQD or THQD	2X	AFP2QDD	27", 31", 36", 40", 44"	AMC4QDFP
	250	SFHA or SFLA or SFPA	3X	AFP3SFD	31", 36", 40", 44"	AMC4FJFP1
	600	FGV, FGN, FGH or FGP	4X	AFP4FGD	40", 44"	AMC4FGBFP
Single Branch	600	SGDA or SGHA or SGLA or SGPA	4X	AFP4SGD	40", 44"	AMC4GBFP2
	250	SFHA or SFLA or SFPA	3X	AFP3SFS	27", 31", 36", 40", 44"	AMC2FJFP1
	600	FGV, FGN, FGH or FGP	4X	AFP4FGS	27", 31", 36", 40", 44"	AMC2FGMFP
	600	SGDA or SGHA or SGLA or SGPA	4X	AFP4SGS	27", 31", 36", 40", 44"	AMC2GMFP
	1200	SKHA or SKLA	6X	AFP6SKS	40", 44"	AMC2KMFP
1200	SKPA	6X	AFP6SKS	44"	AMC2KMFP	

SGDA circuit breaker rated 400 amps maximum.

Note: 1X = 1 3/8" vertical panel space.

Components and Control

EPM 2200 Digital Power Meter

The EPM 2200 meter measures more than 40 electrical power parameters providing a low-cost, multifunction monitoring solution for industrial and power generation applications. EPM 2200 can easily be mounted in a panel for generator monitoring, substation automation and more. EPM 2200 measures the 3-phase real time amps, volts, power, energy, power factor and frequency in a brilliant 3-line LED Display with easy-to-use faceplate programming. The EPM 2200 also offers Modbus communication via RS485 to help ensure smooth integration with existing systems.

Plug-in Modules

Spectra Series plug-in circuit breaker modules accept standard off-the-shelf GE circuit breakers and are available for single- or double-branch mounting (through 600A) without any modifications, assuring proper phase arrangement.



EPM 2200

To view the entire Low Voltage Switchboard product offering please visit:
www.geindustrial.com/Switchboards

Evolution Series



Spectra Series



Commercial Metering



Sales Offices

North America

USA

41 Woodford Avenue
Plainville, CT 06062
T: +1 800-431-7867

Canada

2300 Meadowvale Blvd.
Mississauga, ON L5N 5P9
T: 1-800-GE1-STOP

Latin America

Latin America Headquarters

790 N.W. 107th Avenue, Suite 200,
Miami, FL 33172 USA
T: +1 305 551 5155

Chile

Vespucio Norte, Avenida Presidente Eduardo Frei
Montalva 6001, Edificio N° 66
Comuna: Conchalí, Sector el Cortijo, Santiago
T: (56 2) 928-4700

Mexico

Av. Churubusco 3900 Nte, Col. Industrial Benito Juárez
Monterrey, N.L. 64517
T: (01-800) 800-1968

GE
Industrial Solutions
41 Woodford Avenue
Plainville, CT 06062
1-800-431-7867
www.geindustrial.com

*Indicates a trademark of the General Electric Company and/or its affiliates.
Information provided is subject to change without notice. Please verify all details with GE. All values are design or typical values when measured under laboratory conditions, and GE makes no warranty or guarantee, express or implied, that such performance will be obtained under end-use conditions.
©2015, General Electric Company and/or its affiliates. All rights reserved.

11.15 DEA-623