Galaxy RPP

Technical Specifications

GRPPNQ84, GRPPIP2X84, GRPPNF84, GRPPNQ89, GRPPIP2X89, GRPPNF89

3/2025

Legal Information

The information provided in this document contains general descriptions, technical characteristics and/or recommendations related to products/solutions.

This document is not intended as a substitute for a detailed study or operational and site-specific development or schematic plan. It is not to be used for determining suitability or reliability of the products/solutions for specific user applications. It is the duty of any such user to perform or have any professional expert of its choice (integrator, specifier or the like) perform the appropriate and comprehensive risk analysis, evaluation and testing of the products/solutions with respect to the relevant specific application or use thereof.

The Schneider Electric brand and any trademarks of Schneider Electric SE and its subsidiaries referred to in this document are the property of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owner.

Schneider Electric does not grant any right or license for commercial use of the document or its content, except for a non-exclusive and personal license to consult it on an "as is" basis.

Schneider Electric reserves the right to make changes or updates with respect to or in the content of this document or the format thereof, at any time without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this document, as well as any non-intended use or misuse of the content thereof.

Access to Your Product Manuals Online

Find the Manuals, Submittal Drawings, and Other Documentation for Your Specific Product Here:

In your web browser, type in https://www.go2se.com/ref= and the commercial reference for your product.

Example: *https://www.go2se.com/ref=**GRPPIP2X89***

Find the Manuals Here:

Scan the code to go to the Galaxy RPP online manual portal:

https://www.productinfo.schneider-electric.com/galaxyrpp/

Here you can find your installation and operation manual, technical specifications, and receiving and unpacking manual.

This online manual portal is available on all devices and offers digital pages, search functionality across the different documents in the portal, and PDF download for offline use.

Learn More About the Galaxy RPP Here:

Go to *https://www.se.com/ww/en/product-range/61801* to learn more about this product.

Table of Contents

Important Safety Instructions — SAVE THESE INSTRUCTIONS

Read these instructions carefully and look at the equipment to become familiar with it before trying to install, operate, service or maintain it. The following safety messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of this symbol to a “Danger” or “Warning” safety message indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages with this symbol to avoid possible injury or death.

⚠DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

⚠WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

⚠CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

Failure to follow these instructions can result in injury or equipment damage.

NOTICE

NOTICE is used to address practices not related to physical injury. The safety alert symbol shall not be used with this type of safety message.

Failure to follow these instructions can result in equipment damage.

Please Note

Electrical equipment should only be installed, operated, serviced, and maintained by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Safety Precautions

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

All safety instructions in this document must be read, understood and followed.

Failure to follow these instructions will result in death or serious injury.

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Read all instructions in this manual before installing or working on this product.

Failure to follow these instructions will result in death or serious injury.

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Do not install the product until all construction work has been completed and the installation room has been cleaned.

Failure to follow these instructions will result in death or serious injury.

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- The product must be installed according to the specifications and requirements as defined by Schneider Electric. It concerns in particular the external and internal protections (upstream breakers, battery breakers, cabling, etc.) and environmental requirements. No responsibility is assumed by Schneider Electric if these requirements are not respected.
- Only authorized qualified personnel must perform start-up after the product has been electrically wired.

Failure to follow these instructions will result in death or serious injury.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

The product must be installed according to local and national regulations. Install the product according to:

- NEC NFPA 70, **or**
- Canadian Electrical Code (C22.1, Part 1)

depending on which one of the standards apply in your local area.

Failure to follow these instructions will result in death or serious injury.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- This equipment may receive power from two independent power sources. Confirm that all power sources are de-energized/turned off before working on or inside this equipment.

Failure to follow these instructions will result in death or serious injury.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Install the product in a temperature controlled indoor environment free of conductive contaminants and humidity.
- Install the product on a non-flammable, level and solid surface (e.g. concrete) that can support the weight of the system.

Failure to follow these instructions will result in death or serious injury.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

The product is not designed for and must therefore not be installed in the following unusual operating environments:

- Damaging fumes
- Explosive mixtures of dust or gases, corrosive gases, or conductive or radiant heat from other sources
- Moisture, abrasive dust, steam or in an excessively damp environment
- Fungus, insects, vermin
- Salt-laden air or contaminated cooling refrigerant
- Pollution degree higher than 2 according to IEC 60664-1
- Exposure to abnormal vibrations, shocks, and tilting
- Exposure to direct sunlight, heat sources, or strong electromagnetic fields

Failure to follow these instructions will result in death or serious injury.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Do not drill or cut holes for cables or conduits with the gland plates installed and do not drill or cut holes in close proximity to the product.

Failure to follow these instructions will result in death or serious injury.

⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Do not make mechanical changes to the product (including removal of cabinet parts or drilling/cutting of holes) that are not described in the Installation Manual.

Failure to follow these instructions will result in death or serious injury.

⚠WARNING

TIPPING HAZARD

This equipment is top-heavy. Do not open the doors or covers before the equipment has been installed in the final location.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

NOTICE

RISK OF OVERHEATING

Respect the space requirements around the product and do not cover the ventilation openings when the product is in operation.

Failure to follow these instructions can result in equipment damage.

Technical Data

Model List

- White cabinet, 84 inches tall, 240 V, NQ panelboard, 250 A or 400 A rated (GRPPNQ84)
- White cabinet 84 inches tall, 240 V, IP2X finger safe panelboard, 250 A or 400 A rated (GRPPIP2X84)
- White cabinet 84 inches tall, 480 V, NF panelboard, 250 A or 400 A rated (GRPPNF84)
- Black cabinet, 89 inches tall, 240 V, NQ panelboard, 250 A or 400 A rated (GRPPNQ89)
- Black cabinet, 89 inches tall, 240 V, IP2X finger safe panelboard, 250 A or 400 A rated (GRPPIP2X89)
- Black cabinet, 89 inches tall, 480 V, NF panelboard, 250 A or 400 A rated (GRPPNF89)

Overview

All options and configurations are selected on ordering and factory-installed to deliver an RPP solution that meets your requirements. The RPP solution consists of a cabinet with main input device(s) and panelboard(s). An extra cabinet can be added to the RPP solution, either empty or with additional main input device(s) and panelboard(s).

See Hardware Options, page 20 for feature details.

NOTE: A single main input device can feed both panelboards in the RPP. The RPP maximum output current is given by the rating of the main input device.

Overview of Model Options

Commercial reference		GRPPN-Q84	GRPPIP2-X84	GRPPN-F84	GRPPN-Q89	GRPPIP2-X89	GRPPN-F89
Input voltage	240 V	x	x		x	x	
	480 V			x			x
Main input device	250 A MCCB	x	x	x	x	x	x
	400 A MCCB	x	x	x	x	x	x
Panel boards[1]	1 x NQ42	x			x		
	2 x NQ42	x			x		
	1 x NQ84	x			x		
	1 x NF42			x			x
	2 x NF42						x
	1 x NF84			x			x
	1 x IP2X 42		x			x	
	2 x IP2X 42		x			x	
Extra cabinet (empty or for additional main input device(s) and panelboard (s)		x	x	x	x	x	x
Main input device terminals	Mechanical lugs	x	x	x	x	x	x
	Compres-sion lugs	x	x	x	x	x	x
Cable entry	Top	x	x	x	x	x	x
	Bottom	x	x	x	x	x	x
Surge protection[2]	100 kA per phase	x	x	x	x	x	x

1. The panelboard options listed here fit into one cabinet.
2. The surge protection option is available for cabinets with only one main input device installed.

Facility Planning

Input Specifications

Commercial reference	GRPPNQ84	GRPPIP2X84	GRPPNF84	GRPPNQ89	GRPPIP2X89	GRPPNF89
Voltage (V)	**240**	**240**	**480**	**240**	**240**	**480**
Connections	L1, L2, L3, N, PE					
Maximum input current (A)	Values depend on chosen main input device – check the breaker rating on the RPP: 1 x 250 A 100%, 1 x 250 A 80%, 2 x 250 A 100%, 2 x 250 A 80% 1 x 400 A 100%, 1 x 400 A 80%, 2 x 400 A 80%					
Frequency (Hz)	60					
Maximum short circuit rating	65 kAIC		35 kAIC	65 kAIC		35 kAIC

Output Specifications

Commercial reference	GRPPNQ84	GRPPIP2X84	GRPPNF84	GRPPNQ89	GRPPIP2X89	GRPPNF89
Voltage (V)	**240**	**240**	**480**	**240**	**240**	**480**
Connections	L1, L2, L3, N, PE					
Nominal output current (A)	Values depend on chosen main input device – check the breaker rating on the RPP: 1 x 250 A 100%, 1 x 250 A 80%, 2 x 250 A 100%, 2 x 250 A 80% max. 1 x 400 A 100%, 1 x 400 A 80%, 2 x 400 A 80% max.					
Frequency (Hz)	60					

Recommended Cables Sizes

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

All wiring must comply with all applicable national and/or electrical codes.

- All field wiring connections to be made with UL listed wire connectors suitable for the size and type of wire involved.
- Conduit openings to be installed only in designated terminal compartment area.
- Equipment must be field grounded using equipment grounding conductors (EGC) sized in accordance with NEC based on the main input device maximum rating.

Failure to follow these instructions will result in death or serious injury.

Main Input Device

Breaker type		**Square D molded case 3-pole circuit breaker**			
Rating		250 A at 80%	250 A at 100%	400 A at 100%	400 A at 80%
Model		JGF36250U33X[3]	JGF36250CU33X[3]	LGF36400CU33X	LGF36400U33X
Mechanical lug	Cable size (aluminum/copper)	1 x 3/0 AWG to 1 x 350 kcmil		2 x 3/0 AWG to 1 x 500 kcmil	
	Cable bending space	376 mm (14.8 in)		309 mm (12 in)	
Compression lug	Cable size (aluminum/copper)	NEMA 2 hole lug 0.5 inch bolt, max. 350 kcmil		2 x NEMA 2 hole lug 0.5 inch bolt, max. 250 kcmil	
	Cable bending space	212 mm (8.34 in)		203 mm (8 in)	

Neutral Connection

Rating		250 A at 80%	250 A at 100%	400 A at 100%	400 A at 80%
Mechanical lug	Cable size (aluminum/copper)	1 x 3/0 AWG to 1 x 350 kcmil		2 x 3/0 AWG to 1 x 500 kcmil	
	Cable bending space	376 mm (14.8 in)		309 mm (12 in)	
Compression lug	Cable size (aluminum/copper)	NEMA 2 hole lug 0.5 inch bolt, max. 350 kcmil		2 x NEMA 2 hole lug 0.5 inch bolt, max. 250 kcmil	
	Cable bending space	212 mm (8.34 in)		203 mm (8 in)	

NOTE: Use an appropriately sized neutral cable lug for the neutral cable size.

Branch Breaker

Breaker type	**Rating**	**Cable size**
QO, QOB, QO-VH, QOB-VH	10-30 A	1 x 14-8 AWG aluminum/copper 2 x 14-10 AWG copper
	35-70 A	1 x 8-2 AWG aluminum/copper
	80-100 A	1 x 4-2/0 AWG aluminum/copper
EDB	15, 20, 30 A	1 x 12-6 AWG aluminum, 1 x 14-6 AWG copper
EDB	35-100 A	1 x 12-2/0 aluminum, 1 x 14-2/0 AWG copper

NOTE: The current sensors accept cables with a maximum outer diameter of 9.75 mm (0.384 in).

3. Only available with copper lugs.

Conduit Area

Cable entry system	Cable type	Conduit area
Top cable entry	Input and load cables	Preinstalled top plate with: Four knockouts with diameter of 76.2 mm (3 in) for input cables 42 knockouts with diameter of 25 mm (1 in) for load cables
		Optional solid top plate also provided for installation specific hole pattern.
Bottom cable entry	Input and load cables	Preinstalled bottom plate provided with: Four knockouts with diameter of 76.2 mm (3 in) for input cables 42 knockouts with diameter of 25 mm (1 in) for load cables
		Optional solid bottom plate for installation-specific hole pattern.

Torque Specifications

Part	Model	Torque
Input lugs Main Input Breakers (L-Frame) to cable	AL600LF52K3	50 Nm (36.88 lb-ft / 442 lb-in)
Input lugs of L-frame to breaker	AL600LF52K3	37 Nm (27.29 lb-ft / 327 lb-in)
Input lugs Main Input Breakers (J-Frame) to cable	AL250JD CU250JD	AL = 25 Nm (18.44 lb-ft / 225 lb-in) CU = 28 Nm (20.65 lb-ft / 250 lb-in)
Input lugs of J-frame to breaker	AL250JD / CU250JD	9-10.2 Nm (6.64-7.52 lb-ft / 80-90 lb-in)
L-Frame load side to busbar/compression lug	-	50 Nm (36.88 lb-ft / 442 lb-in)
J-Frame load side to busbar/compression lug	-	9-10.2 Nm (6.64-7.52 lb-ft / 80-90 lb-in)
Connection branches EDB to NF panelboard	EDB	2.26-3.39 Nm (1.67-2.5 lb-ft / 20-30 lb-in)
Connection branches QO to NQ panelboard	QO	2-2.37 Nm (1.48- 1.75 lb-ft / 18-21 lb-in)
Load connectors EDB breakers	AL100FD	5.5 Nm (4.06 lb-ft / 50 lb-in)
Load connectors QO breakers	QO	10-30 A: 4 Nm (2.95 lb-ft / 36 lb-in) 40-60 A: 5 Nm (3.69 lb-ft / 44.3 lb-in) 70-100 A: 5.6 Nm (4.13 lb-ft / 50 lb-in)
Neutral, mechanical lug, 400 A to 600 A	-	50 Nm (36.88 lb-ft / 442 lb-in)
Neutral, mechanical lug, 200 A to 250 A, aluminum	-	AL = 25 Nm (18.44 lb-ft / 225 lb-in)
Neutral, mechanical lug, 150 A to 250 A, copper	-	CU = 28 Nm (20.65 lb-ft / 250 lb-in)
Neutral, compression lug	-	50 Nm (36.88 lb-ft / 442 lb-in)
Panelboard input lug (NF) Panelboard input lug (NQ)	NFALM4	6.78-7.34 Nm (5-5.41 lb-ft / 60-65 lb-in)
Binding screw (NF input lug to cable) Binding screw (NQ input lug to cable)	NFALM4	31-34 Nm (22.86-25.08 lb-ft / 275-300 lb-in)
Eye bolt (provided lifting equipment for unit)	-	67 Nm (49.42 lb-ft / 593 lb-in)

Compliance

Safety	UL 60950-1, 2nd Edition (Information Technology Equipment) CSA C22.2 No. 60950-1-07, 2nd Edition (Information Technology Equipment) UL 891, 12th Edition (Switchboard) C22.2 No.244, 2nd Edition (Switchboard).
EMC	FCC Part 15, Subpart B, Class A
Marking	cULus
Seismic	OSHPD (contact Schneider Electric for more information)

Communication and Management

Local area network	100 Mps
Communication protocols	Modbus, TCP/IP, Ethernet, RS485, SNMP, BACnet/IP
Control panel	7-inch touchscreen display
Audible alarm	Yes
Connectivity	StruxureWare for data center operation

Physical

Shipping Weights and Dimensions

Commercial reference	Weight kg (lbs)	Height mm (in)	Width mm (in)	Depth mm (in)
GRPPNQ84	230-280 (507-617)	2261 (89)	1066 (42)	1066 (42)
GRPPIP2X84		2261 (89)		
GRPPNF84		2261 (89)		
GRPPNQ89		2388 (94)		
GRPPIP2X89		2388 (94)		
GRPPNF89		2388 (94)		

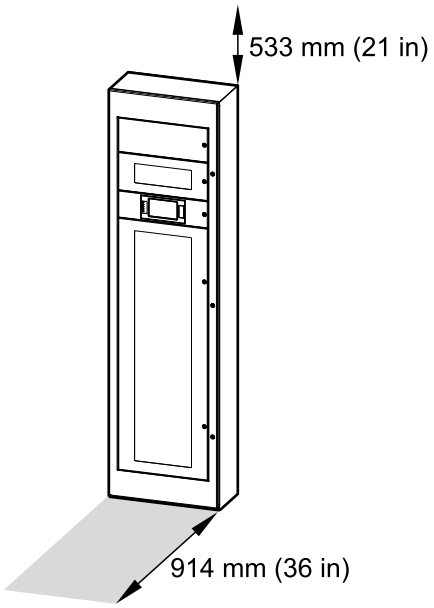
Weights and Dimensions

Commercial reference	Weight kg (lbs)	Height mm (in)	Width mm (in)	Depth mm (in)
GRPPNQ84	200-250 (441-551)	2134 (84)	610 (24)	305 (12)
GRPPIP2X84				
GRPPNF84				
GRPPNQ89		2261 (89)		
GRPPIP2X89				
GRPPNF89				

NOTE: Weights depend on selected options. The weights and dimensions above are for one cabinet – the final RPP solution may consist of several cabinets.

Clearance

NOTE: Clearance dimensions are published for airflow and service access only. Consult with the local safety codes and standards for additional requirements in your local area.



Environment

	Operating	Storage
Temperature	-10 °C to 40 °C (14 °F to 104 °F)	-25 °C to 55 °C (-13 °F to 131 °F)
Relative humidity	10 to 95% non-condensing	10 to 90% non-condensing
Elevation	0 m to 2011 m (0 feet to 6600 feet) above sea level	152 m below to 7620 m above sea level (500 feet below to 25,000 feet above sea level)
Protection class	NEMA type 1, solid roof, external doors with inner dead front panels	
Cooling	Front ventilation (top and bottom)	
Color	RAL 9003 white for GRPPNF84, GRPPIP2X84, and GRPPNF84 Raven black for GRPPNQ89, GRPPIP2X89, and GRPPNF89	
Accessibility	Front access for: • Display • Fuse panel • Communication and monitoring • Adding/replacing branch breakers	

Options

Configuration Options

- Compact footprint
- Installation against a wall or back-to-back installation against another RPP cabinet
- Top or bottom cable entry
- Touchscreen LCD

Hardware Options

All options must be specified at the time of the original order for factory installation. Branch breakers can be field installed; contact your Schneider Electric certified service partner for further information.

Main Input Device

Breaker type	**Square D by Schneider Electric molded case 3-pole circuit breaker**			
Rating	250 A at 80%	250 A at 100%	400 A at 100%	400 A at 80%
Model	JGF36250U33X	JGF36250CU33X	LGF36400CU33X	LGF36400U33X
In setting	250		400	

Panelboard

SquareD panelboards	**NQ42**	**NQ84**	**IP2X 42**	**NF42**	**NF84**
Number of circuits	42	84	42	42	84
Rating	400 A	400 A	400 A	400 A	400 A

Branch Breakers

Breaker type	**Part number**	**Number of poles**	**Description**
QO	QOB110	1	10 A, 10 kA at 240 V
QO	QOB115	1	15 A, 10 kA at 240 V
QO	QOB115VH	1	15 A, 22 kA at 240 V
QO	QOB120	1	20 A, 10 kA at 240 V
QO	QOB120VH	1	20 A, 22 kA at 240 V
QO	QOB125	1	25 A, 10 kA at 240 V
QO	QOB125VH	1	25 A, 22 kA at 240 V
QO	QOB130	1	30 A, 10 kA at 240 V
QO	QOB130VH	1	30 A, 22 kA at 240 V
QO	QOB135	1	35 A, 10 kA at 240 V
QO	QOB140	1	40 A, 10 kA at 240 V

Breaker type	Part number	Number of poles	Description
QO	QOB150	1	50 A, 10 kA at 240 V
QO	QOB160	1	60 A, 10 kA at 240 V
QO	QOB170	1	70 A, 10 kA at 240 V
QO	QOB210	2	10 A, 10 kA at 240 V
QO	QOB2100	2	100 A, 10 kA at 240 V
QO	QOB215	2	15 A, 10 kA at 240 V
QO	QOB220	2	20 A, 10 kA at 240 V
QO	QOB220VH	2	20 A, 22 kA at 240 V
QO	QOB225	2	25 A, 10 kA at 240 V
QO	QOB225VH	2	25 A, 22 kA at 240 V
QO	QOB230	2	30 A, 10 kA at 240 V
QO	QOB230VH	2	30 A, 22 kA at 240 V
QO	QOB235	2	35 A, 10 kA at 240 V
QO	QOB240	2	40 A, 10 kA at 240 V
QO	QOB240VH	2	40 A, 22 kA at 240 V
QO	QOB245	2	45 A, 10 kA at 240 V
QO	QOB250	2	50 A, 10 kA at 240 V
QO	QOB250VH	2	50 A, 22 kA at 240 V
QO	QOB260	2	60 A, 10 kA at 240 V
QO	QOB270	2	70 A, 10 kA@ at 240 V
QO	QOB280	2	80 A, 10 kA at 240 V
QO	QOB290	2	90 A, 10 kA at 240 V
QO	QOB310	3	10 A, 10 kA at 240 V
QO	QOB3100	3	100 A,10 kA at 240 V
QO	QOB3100VH	3	100 A, 22 kA at 240 V
QO	QOB315	3	15 A, 10 kA at 240 V
QO	QOB320	3	20 A, 10 kA at 240 V
QO	QOB320VH	3	20 A, 22 kA at 240 V
QO	QOB325	3	25 A, 10 kA at 240 V
QO	QOB330	3	30 A, 10 kA at 240 V
QO	QOB330VH	3	30 A, 22 kA at 240 V
QO	QOB335	3	35 A, 10 kA at 240 V
QO	QOB340	3	40 A, 10 kA at 240 V
QO	QOB340VH	3	40 A, 22 kA at 240 V
QO	QOB345	3	45 A, 10 kA at 240 V
QO	QOB350	3	50 A, 10 kA at 240 V
QO	QOB350VH	3	50 A, 22 kA at 240 V
QO	QOB360	3	60 A, 10 kA at 240 V
QO	QOB360VH	3	60 A, 22 kA at 240 V
QO	QOB370	3	70 A, 10 kA at 240 V
QO	QOB370VH	3	70 A, 22 kA at 240 V
QO	QOB380	3	80 A, 10 kA at 240 V
QO	QOB380VH	3	80 A, 22 kA at 240 V

Breaker type	Part number	Number of poles	Description
QO	QOB390	3	90 A 10 kA at 240 V
QO	QOB390VH	3	90 A 22 kA at 240 V
EDB	EDB14045	1	45 A 18 kA at 480 V
EDB	EDB14070	1	70 A, 18 kA at 480 V
EDB	EDB24045	2	45 A, 18 kA at 480 V
EDB	EDB24090	2	90 A, 18 kA at 480 V
EDB	EDB24035	2	35 A, 18 kA at 480 V
EDB	EDB14015	1	15 A, 18 kA at 480 V
EDB	EDB14020	1	20 A, 18 kA at 480 V
EDB	EDB14025	1	25 A, 18 kA at 480 V
EDB	EDB14030	1	30 A, 18 kA at 480 V
EDB	EDB14035	1	35 A, 18 kA at 480 V
EDB	EDB14040	1	40 A, 18 kA at 480 V
EDB	EDB14050	1	50 A, 18 kA at 480 V
EDB	EDB14060	1	60 A, 18 kA at 480 V
EDB	EDB24015	2	15 A, 18 kA at 480 V
EDB	EDB24020	2	20 A, 18 kA at 480 V
EDB	EDB24025	2	25 A, 18 kA at 480 V
EDB	EDB24030	2	30 A, 18 kA at 480 V
EDB	EDB24040	2	40 A, 18 kA at 480 V
EDB	EDB24050	2	50 A, 18 kA at 480 V
EDB	EDB24060	2	60 A, 18 kA at 480 V
EDB	EDB24070	2	70 A, 18 kA at 480 V
EDB	EDB24080	2	80 A, 18 kA at 480 V
EDB	EDB24100	2	100 A,18 kA at 480 V
EDB	EDB34015	2	15 A, 18 kA at 480 V
EDB	EDB34020	3	20 A, 18 kA at 480 V
EDB	EDB34025	3	25 A, 18 kA at 480 V
EDB	EDB34030	3	30 A, 18 kA at 480 V
EDB	EDB34035	3	35 A, 18 kA at 480 V
EDB	EDB34040	3	40 A, 18 kA at 480 V
EDB	EDB34045	3	45 A, 18 kA at 480 V
EDB	EDB34050	3	50 A, 18 kA at 480 V
EDB	EDB34060	3	60 A, 18 kA at 480 V
EDB	EDB34070	3	70 A, 18 kA at 480 V
EDB	EDB34080	3	80 A, 18 kA at 480 V
EDB	EDB34090	3	90 A, 18 kA at 480 V
EDB	EDB34100	3	100 A 18 kA at 480 V

Power Meter

Power Logic Branch Circuit Power Meter (BCPM). Capable of monitoring up to 84 branch circuits and the incoming power supply to provide information on RPP. One or two BCPMs can be installed depending on the number of input breakers installed.

Meter	Input monitoring	Branch distribution monitoring	Accuracy
BCPMA042S	Yes	42 circuits	Class 1 (1%)
BCPMA084S		84 circuits	
BCPMA142S		42 circuits	
BCPMA184S		84 circuits	

Standard data output	Alarms
kWh energy consumption	Overvoltage
kW real power	Undervoltage
kVA apparent power	Overcurrent
Power factor total	Undercurrent
Voltage, L-L, average of three phases	Over kVA
Voltage, L-N, average of three phases	Under kVA
Voltage L-L %THD per phase	Phase loss L1
Voltage L-N %THD per phase	Phase loss L2
Current, average of three phases	Phase loss L3
Current %THD, phase L1, L2, L3	Breaker status
kW real power, phase L1, L2, L3	Breaker trip indicator for input breakers
Power factor, phase L1, L2, L3	
Line-to-line voltage, phase L1-L2	
Line-to-line voltage, phase L2-L3	
Line-to-line voltage, phase L1-L3	
Line-to-neutral voltage, phase L1-N	
Line-to-neutral voltage, phase L2-N	
Line-to-neutral voltage, phase L3-N	
Current, phase L1, L2, L3	
kW average	
kW minimum	
Frequency (measured from phase L1)	

Current Transformers

- 0.33 V split core LVCT0XXXXS, Schneider Electric
- 0.333 V split core METSECTLV2040U, 400A, Schneider Electric
- 0.333 V split core METSECTLV2030U, 300A, Schneider Electric

Surge Protective Device

- SurgeLogic Surge protective device for I-Line.

Service voltage	Peak surge current rating per phase	Catalog numbers
208Y/120 V, 3-phase, 4-wire + ground[4]	100 kA	TVS2HWA10X
480Y/277 V, 3-phase, 4-wire + ground	100 kA	TVS4HWA10X

4. 208Y/120 series also applies to the following voltage: 220Y/127.

Limited Factory Warranty

One-Year Factory Warranty

The limited warranty provided by Schneider Electric in this Statement of Limited Factory Warranty applies only to products you purchase for your commercial or industrial use in the ordinary course of your business.

Terms of Warranty

Schneider Electric warrants that the product shall be free from defects in materials and workmanship for a period of one year from the date of product start-up, when start-up is performed by Schneider Electric-authorized service personnel, or within 18 months from the shipment date from Schneider Electric, whichever occurs first. This warranty covers repairing or replacing any defective parts including on-site labor and travel. In the event that the product fails to meet the foregoing warranty criteria, the warranty covers repairing or replacing defective parts at the sole discretion of Schneider Electric for a period of one year from the shipment date.

Non-transferable Warranty

This warranty is extended to the first person, firm, association or corporation (herein referred to by “You” or “Your”) for whom the Schneider Electric product specified herein has been purchased. This warranty is not transferable or assignable without the prior written permission of Schneider Electric.

Assignment of Warranties

Schneider Electric will assign you any warranties which are made by manufacturers and suppliers of components of the Schneider Electric product and which are assignable. Any such warranties are assigned “AS IS” and Schneider Electric makes no representation as to the effectiveness or extent of such warranties, assumes no responsibility for any matters which may be warranted by such manufacturers or suppliers and extends no coverage under this Warranty to such components.

Drawings, Descriptions

Schneider Electric warrants for the warranty period and on the terms of the warranty set forth herein that the Schneider Electric product will substantially conform to the descriptions contained in the Schneider Electric Official Published Specifications or any of the drawings certified and agreed to by contract with Schneider Electric if applicable thereto (“Specifications”). It is understood that the Specifications are not warranties of performance and not warranties of fitness for a particular purpose.

Exclusions

Schneider Electric shall not be liable under the warranty if its testing and examination disclose that the alleged defect in the product does not exist or was

caused by end user or any third person misuse, negligence, improper installation or testing. Further, Schneider Electric shall not be liable under the warranty for unauthorized attempts to repair or modify wrong or inadequate electrical voltage or connection, inappropriate on-site operation conditions, corrosive atmosphere, repair, installation, start-up by non-Schneider Electric designated personnel, a change in location or operating use, exposure to the elements, Acts of God, fire, theft, or installation contrary to Schneider Electric recommendations or specifications or in any event if the Schneider Electric serial number has been altered, defaced, or removed, or any other cause beyond the range of the intended use.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, OF PRODUCTS SOLD, SERVICED OR FURNISHED UNDER THIS AGREEMENT OR IN CONNECTION HEREWITH. SCHNEIDER ELECTRIC DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY, SATISFACTION AND FITNESS FOR A PARTICULAR PURPOSE. SCHNEIDER ELECTRIC EXPRESS WARRANTIES WILL NOT BE ENLARGED, DIMINISHED, OR AFFECTED BY AND NO OBLIGATION OR LIABILITY WILL ARISE OUT OF, SCHNEIDER ELECTRIC RENDERING OF TECHNICAL OR OTHER ADVICE OR SERVICE IN CONNECTION WITH THE PRODUCTS. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES. THE WARRANTIES SET FORTH ABOVE CONSTITUTE SCHNEIDER ELECTRIC SOLE LIABILITY AND PURCHASER'S EXCLUSIVE REMEDY FOR ANY BREACH OF SUCH WARRANTIES. SCHNEIDER ELECTRIC WARRANTIES RUN ONLY TO PURCHASER AND ARE NOT EXTENDED TO ANY THIRD PARTIES.

IN NO EVENT SHALL SCHNEIDER ELECTRIC, ITS OFFICERS, DIRECTORS, AFFILIATES OR EMPLOYEES BE LIABLE FOR ANY FORM OF INDIRECT, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, ARISING OUT OF THE USE, SERVICE OR INSTALLATION, OF THE PRODUCTS, WHETHER SUCH DAMAGES ARISE IN CONTRACT OR TORT, IRRESPECTIVE OF FAULT, NEGLIGENCE OR STRICT LIABILITY OR WHETHER SCHNEIDER ELECTRIC HAS BEEN ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH DAMAGES, SPECIFICALLY, SCHNEIDER ELECTRIC IS NOT LIABLE FOR ANY COSTS, SUCH AS LOST PROFITS OR REVENUE, LOSS OF EQUIPMENT, LOSS OF USE OF EQUIPMENT, LOSS OF SOFTWARE, LOSS OF DATA, COSTS OF SUBSTITUANTS, CLAIMS BY THIRD PARTIES, OR OTHERWISE.

NO SALESMAN, EMPLOYEE OR AGENT OF SCHNEIDER ELECTRIC IS AUTHORIZED TO ADD TO OR VARY THE TERMS OF THIS WARRANTY. WARRANTY TERMS MAY BE MODIFIED, IF AT ALL, ONLY IN WRITING SIGNED BY AN SCHNEIDER ELECTRIC OFFICER AND LEGAL DEPARTMENT.

Warranty Claims

Customers with warranty claims issues may access the SCHNEIDER ELECTRIC worldwide customer support network through the SCHNEIDER ELECTRIC web site: http://www.schneider-electric.com. Select your country from the country selection pull-down menu. Open the Support tab at the top of the web page to obtain contact information for customer support in your region.

Schneider Electric
35 rue Joseph Monier
92500 Rueil Malmaison
France

+ 33 (0) 1 41 29 70 00

www.se.com

As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

990-6317F-001