



SQUARE D™

Square D QO™ Plug-on Neutral

Industry's Leading Feature for Load Centers and Advanced Function Circuit Breakers

Due to its overwhelming success, Square D by Schneider Electric now offers all QO single-phase, convertible main Load Centers, 12 spaces and greater, with the industry's leading Plug-on Neutral (PoN) architecture.

Designed for reliability and available in AF, AF/GF and GF, the QO PoN Circuit Breakers connect directly to the neutral bar, providing a time and labor-saving installation.

Accessories and covers can be used with QO Tandem Circuit Breakers (QOT nonCTL), which increase the number of circuits a Load Center can facilitate, and are fully compatible with "pigtail" circuit breakers.

Plug-on Neutral benefits include:

- Fewer connections: Saves time and reduces mistakes that lead to callbacks
- Reduced wire in the gutter: Easier to work – more professional appearance
- Elimination of pigtail wiring mistakes: Provides a reliable neutral connection
- A lower total installed cost



New Dual Function (AF/GF) circuit breakers now available
New Combination Arc Fault (AF) circuit breakers coming Spring 2022

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Life Is On

Schneider
Electric

Convertible Main Lugs Plug-on Neutral Load Centers

(Compatible with QO Plug-on Circuit Breakers and QO Plug-on Neutral Circuit Breakers)

Mains Rating	Spaces	Max. Single Pole Circuits	Max. Tandem Circuit Breakers ^[1]	INDOOR						RAINPROOF
				Load Center Box and Interior ^[2]	Ground bar included, field installed Add suffix G	Qwik-Grip + Ground bar included, field installed Add suffix QG	Flush Cover	Surface Cover	Combination cover and Ground bar included Add suffix GC	Rainproof + Hub ready with Ground bar included Add suffix GRB
Convertible Mains — Factory-installed Main Circuit Breaker, 65 kA Short Circuit Current Rating—Convertible to Main Circuit Breaker										
125 A	12	24	12	QO112L125P	●	—	QOC16UF	QOC16US	●	●
	16	24	8	QO116L125P	●	—	QOC24UF	QOC24US	—	●
	20	24	4	QO120L125P	●	—	QOC20U100F	QOC20U100S	●	—
	24	34	10	QO124L125P	●	●	QOC24UF	QOC24US	●	●
	30	34	4	QO130L125P	●	●	QOC30U125C	QOC30U125C	—	—
	32	38	6	QO132L125P	●	—	QOC32UF	Use Flush	—	—
200 A	12	24	12	QO112L200P	●	—	QOC30UF	QOC30US	—	●
	24	36	12	QO124L200P	●	—	QOC30UF	QOC30US	—	—
	30	40	10	QO130L200P	●	●	QOC30UF	QOC30US	●	●
	40	60	20	QO140L200P	●	—	QOC40UF	QOC40US	—	●
225 A	42	52	10	QO142L225P	●	●	QOC42UF	QOC42US	●	●
	54	64	10	QO154L225P	●	●	QOC54UF	—	●	—

^[1] QO Tandem Circuit Breakers (non-CTL)—Compatible with Plug-on Neutral Systems

^[2] The listed catalog number must be completed with either one of the suffixes G, QG, GC, WG or GRB.

— Not Available

● Available

Riser Panels with Offset Interior for Wide Gutter — 30 A Maximum Branch Circuit Breaker on Left Side of Interior

(Compatible with QO Plug-on Circuit Breakers and QO Plug-on Neutral Circuit Breakers)

	Mains Rating	Spaces	Max. Single Pole Circuits	Max. Tandem Circuit Breakers ^[1]	Load Center Box and Interior	Load Center Cover
	Convertible Mains—Factory-Installed Main Lugs, 65 kA Short Circuit Current Rating Convertible to Main Circuit Breaker					
INDOOR	125 A	12	24	12	QO112L125PWG	QOC20UFWG
		20	24	4	QO120L125PWG	QOC20UFWG
	200 A	30	40	10	QO130L200PWG	QOC30UFWG
Convertible Mains—Factory-Installed Main Circuit Breaker, 22 kA Short Circuit Current Rating Convertible to Main Lugs or Lower Amperage Main Circuit Breaker						
	200 A	24	36	12	QO124M200PWG125 ^[5]	QOC30UFWG

^[1] QO Tandem Circuit Breakers (non-CTL)—Compatible with Plug-on Neutral Systems

^[5] Comes with 125 A main circuit breaker factory installed.

Convertible Main Breaker Plug-on Neutral Load Centers

(Compatible with QO Plug-on Circuit Breakers and QO Plug-on Neutral Circuit Breakers)

				INDOOR				RAINPROOF	
Mains Rating	Spaces	Max. 1P Circuits	Max. Tandem Breakers	Load Center Box and Interior	Qwik-Grip Add suffix Q	Flush Cover	Surface Cover	Combination cover included Add suffix C ^[3]	Rainproof + Hub ready Add suffix RB
Convertible Mains — Factory-Installed Main Lugs — 22 kA Short Circuit Current Rating - Convertible to Main Lugs or Lower Amperage Main Circuit Breaker									
100 A	12	24	12	QO112M100P	—	QOC12UF	QOC12US	●	●
	16	24	8	QO116M100P	—	QOC20U100F	QOC20U100S	●	●
	20	24	4	QO120M100P	—	QOC20U100F	QOC20U100S	●	●
	24	34	10	QO124M100P	—	QOC24UF	QOC24US	●	●
	32	38	6	QO132M100P	—	QOC32UF	Use Flush	—	—
125 A	24	34	10	QO124M125P	—	QOC24UF	QOC24US	—	●
	32	38	6	QO132M125P	—	QOC32UF	Use Flush	—	—
150 A	20	30	10	QO120M150P	—	QOC30UF	QOC30US	—	●
	24	36	12	QO124M150P	—	QOC30UF	QOC30US	—	—
	30	40	10	QO130M150P	—	QOC30UF	QOC30US	●	●
	32	38	6	QO130M150P	—	QOC40UF	QOC40US	—	—
	42	52	10	QO142M150P	—	—	—	●	—
200 A	20	30	10	QO120M200P	—	QOC30UF	QOC30US	—	●
	24	36	12	QO124M200P	—	QOC30UF	QOC30US	—	—
	30	40	10	QO130M200P	●	QOC30UF	QOC30US	●	●
	40	60	20	QO140M200P	—	QOC40UF	QOC40US	●	●
	42	52	10	QO142M200P	●	QOC42UF	QOC42US	●	●
	54	64	10	QO154M200P	●	QOC54UF	—	●	—
225 A	60	72	12	QO160M200P	—	—	—	● ^[4]	—
	40	60	20	QO140M225P	—	QOC42UF	QOC42US	—	—
	42	52	10	QO142M225P	—	QOC42UF	QOC42US	—	●

— Not Available

● Available

^[3] Order F for Flush device or S for surface device

^[4] For Certification to IEC 60439-1 contact the local Square D sales office; otherwise panels are NOT CE marked. (For use on 415Y/240 Vac 3-phase 4-wire, 3,000 Short Circuit Current Rating when QOXD...branch circuit breakers are used and 10,000 Short Circuit Current Rating when QO...VS branch circuit breakers are used).

See the difference!



Time Saving Diagnostics LED

- Simplifies diagnostic through status indicator
- Helps homeowners know when to call an electrical professional
- **LED indicators included** with all AF and AF/GF circuit breakers
- **Re-initiation of LED blink pattern without tripping breaker** by quickly pressing the TEST button

Fewer Connections – Faster Installation

- Innovative Advanced Function Protection to Load Center connection designed for reliability
- Eliminating pigtails connection speeds up installation
- Fewer callbacks due to forgotten or loose pigtail connections
- Requires less training for new installers

No pigtails – Frees Gutter Space

- Fewer wires in the gutter as NEC requires more advanced function protection on different circuits
- Easier to trace branch circuit wiring for callbacks and remodels
- Final inspection is faster and easier, fewer Load Center wires and connections
- More professional appearance to the job, adding to owner's confidence

Time Saver Diagnostics (TSD)

- Gives installers a simple and easy-to-use tool to help solve circuit issues
- Included with all AF and AF/GF devices

Take the next step with QO Plug-on Neutral Load Centers and AF Circuit Breakers. Whatever your requirements for products are, Schneider Electric has a solution to meet your needs. For more information, call us at 888-SQUARED.



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Schneider Electric USA, Inc.
6700 Tower Circle, Suite 700,
Franklin TN, 37067
888 SQUARED (888-778-2733)