

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 PoN architecture.

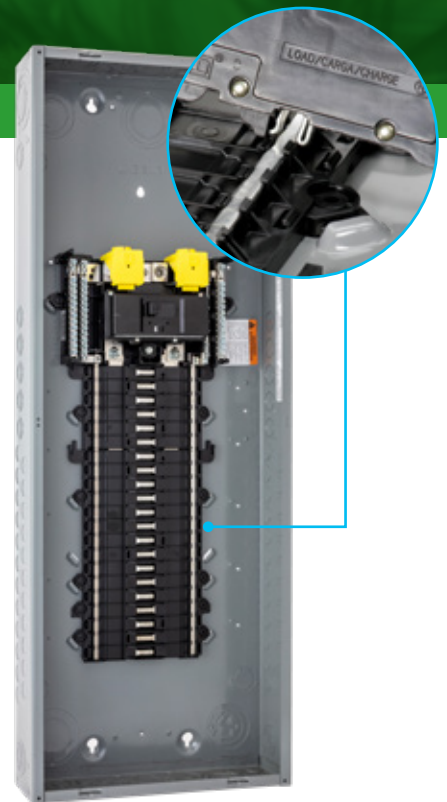
Designed for reliability, the QO™ Plug-on Neutral CAFI Circuit Breakers connect directly to the neutral bar, providing a time and labor-saving installation.

Accessories and covers listed for use with standard QO Load Centers are listed for use with QO PoN Load Centers as well.

QO PoN Load Centers are now listed for use QO Tandem Circuit Breakers (QO T non-CTL) which increase the number of circuits a Load Center can facilitate QO PoN Load Centers are also fully compatible with "pig-tail" circuit breakers.

PoN benefits have proven to bring:

- **Fewer connections:** Saves time & Reduces mistakes that lead to call backs
- **Reduced wire in the gutter:** Easier to work, more professional appearance
- **Elimination of pigtail wiring mistakes** by providing a reliable neutral connection
- All these attributes contribute to a **lower total installed cost**



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Life Is 

SQUARE D™
by Schneider Electric

Convertible Main Lugs 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. Single Pole Circuits	Max. Tandem Circuit Breakers ^[1]	Load Center Box and Interior ^[2]	Ground bar included, field installed <i>Add suffix G</i>	Quick-Grip + Ground bar included, field installed <i>Add suffix QG</i>	Flush Cover	Surface Cover	Combination cover and Ground bar included <i>Add suffix GC</i>	Rainproof + Hub ready with Ground bar included <i>Add suffix GRB</i>
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	—	●	—

— Not Available

● Available

^[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.

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	Quick-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	—	●	—
	60	72	12	QO160M200P	—	—	—	● ^[4]	—
225 A	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).

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
INDOOR	Convertible Mains—Factory-Installed Main Lugs, 65 kA Short Circuit Current Rating Convertible to Main Circuit Breaker					
	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.

See the difference!



Fewer Connections – Faster installation

- Innovative Advanced Function Protection to Load Center connection designed for reliability
- Eliminating pigtails connection speeds up installation
- Fewer call backs 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 call backs and remodels
- Final inspection is faster & 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
- No LEDs to fail or flash
- Included with all CAFI and DF devices



Take the next step to quality with QO Plug-on Neutral Load Centers and CAFI 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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by Schneider Electric