

QO and Q2 Enclosed Circuit Breakers

Class 1131



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SQUARE D
GROUPE SCHNEIDER

Application Data

Enclosure

NEMA Type 1 General Purpose:

Welded sheet steel with knockouts at top, bottom, back and sides.

Finish – Gray baked enamel, electrodeposited over cleaned phosphatized steel.

Padlock provisions for locking circuit breaker handle in ON or OFF position.



QO2100BNS

NEMA Type 3R Rainproof

Welded galvanized sheet steel.

Finish – Gray baked enamel, electrodeposited over cleaned phosphatized galvanized steel.

Provisions to padlock cover closed.

RB devices have provisions for interchangeable bolt-on hubs.



QO2100BNRB

Bolt-on Hubs

Hubs available from 3/4" to 2 1/2" conduit size.

Off-center thread openings keep conduit close to wall.

No gasket required with hubs.



Knockouts

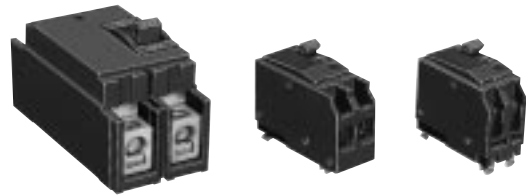
Located in back, side and bottom of all devices.






Circuit Breakers

VISI-TRIP® indication.

Lugs suitable for aluminum or copper wire. Refer to catalog sections listed below:

QO	Class 730
Q2	Class 734
Molded Case Switches	Class 601



Service	Ampere Rating	Enclosure		Box Number	Circuit Breaker			Neutral Assembly Terminal Size Wire Size AWG/kcmil	
		NEMA Type 1	NEMA Type 3R		Catalog Number	UL Listed Interrupting Rating RMS SYM Amperes	Terminal Lug Wire Size AWG/kcmil	Neutral Terminals	Grounding Terminals
		Catalog Number	Catalog Number						
Enclosed Circuit Breaker Mounting Base Order Circuit Breaker Separately									
 240 Vac	60 A●	...	QO2TR◆	1R	QO210 to QO260	10,000 AIR	#14-4 Al or Cu†	...	#14-#8 Al or Cu
Enclosed Circuit Breakers									
 120/240 Vac	100 A	QO2100BNF/S■	QO2100BNRB■	1, 2R	QO (Order Sep.)	10,000 AIR	#12-1 Al or #14-1 Cu	#12-#1 Al or #14-#1 Cu	#12-2 Al or #14-2 Cu
		QO (Order Sep.)	22,000 AIR						
	125 A	QO2125BNF/S■	QO2125BNRB■	2, 3R	QO (Order Sep.)	10,000 AIR	#12-2/0 Al #14-2/0 Cu	#12-2/0 Al #14-2/0 Cu	
		QO (Order Sep.)	22,000 AIR						
 240 Vac	100 A	QO3100BNF/S■	QO3100BNRB■	1, 2R	QO (Order Sep.)	10,000 AIR	#12-1 Al or #14-1 Cu	#12-#1 Al or #14-#1 Cu	
		QO (Order Sep.)	22,000 AIR						
 Two Pole 240 Vac Max.	100 A to 225 A	Q2-2200NS◇□	Q2-2200NRB◇□	3, 4R	Q2L (Order Sep.) Q2L-H (Order Sep.) Q2LH (Order Sep.)	10,000 AIR 22,000 AIR 42,000 AIR	#4-300 Al or Cu	#4-250 Al or Cu	#12-1/0 Al or #14-1/0 Cu
		Q2-3225NF/S□	Q2-3225NRB□	4, 5R				#4-300 Al or Cu	
 Three Pole 240 Vac	100 A to 225 A	Q2-3225NF/S□	Q2-3225NRB□	4, 5R	Q2L (Order Sep.) Q2L-H (Order Sep.)	10,000 AIR 22,000 AIR	#4-300 Al or Cu	#4-300 Al or Cu	

- ◆ Accepts 200 A max Q2L, Q2LH or Q2L-H circuit breakers.
- Not suitable for service equipment.
- ◆ Top endwall has no hub opening, back and bottom feed only.
- † Load terminals – use #6 max.
- Equipment ground kit factory installed.
- Enclosures will accept QO circuit breakers with factory installed accessories.

Type

Enclosed molded case circuit breakers are Underwriters Laboratories listed – File E136861 – Enclosures.
E10027 – Circuit Breakers

Molded case circuit breakers meet Federal Specifications W-C-375-B.

Enclosed molded case switches are Underwriters Laboratories listed – File E59921.

Service

- 1Ø3W 120/240 Vac
- 1Ø2W 240 Vac
- 1Ø3W 240 Vac
- 3Ø4W 240/120 Vac
- 3Ø4W 208Y/120 Vac

Ratings

QO enclosed molded case circuit breakers have a UL Listed short circuit current rating of 10,000 amperes.

Q2 enclosed molded case circuit breakers have a UL Listed short circuit current rating equal to the interrupting rating at the supply voltage marked on the circuit breaker installed.



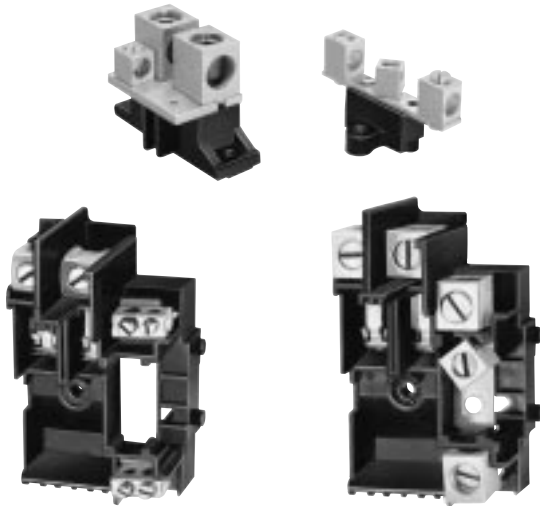
Application Data and Dimensions

Neutral Assemblies

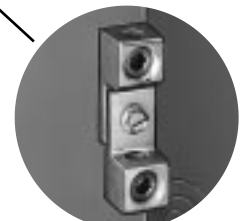
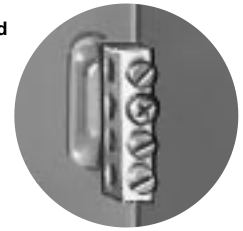
Insulated, groundable (except QO2TR).

Suitable for aluminum or copper wire.

Grounding terminal provided.



Factory Installed
Equipment
Grounding Bar



Equipment Grounding Bar

Field installable PK-O-GTA-2.

Suitable for #6-2/0 aluminum or #10-2/0 copper wire.



Dimensions and Knockout Information

KNOCKOUTS								
Symbol	A	B	C	D	E	F	G	H
Conduit Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3

DIMENSIONS						
Box	Width		Height		Depth	
	IN	mm	IN	mm	IN	mm
1	5.88	149	13.12	333	3.38	86
2	5.88	149	16.12	409	3.38	86
1R	4.56	116	6.50	165	3.88	99
2R	6.92	176	13.12	333	4.12	105
3R	6.92	176	16.12	409	4.12	105
3	7.56	192	23.12	587	4.25	108
4	9.62	244	26.12	663	4.75	121
4R	7.56	192	23.24	590	4.75	121
5R	9.62	244	26.24	666	5.50	140

PK-O-GTA-2
Field Installed

