

# 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

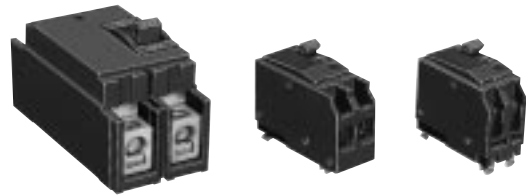
Located in back, side and bottom of all devices.






### 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						
<b>Enclosed Circuit Breaker Mounting Base Order Circuit Breaker Separately</b>									
 240 Vac	60 A●	...	QO2TR◆	1R	QO210 to QO260	10,000 AIR	#14-4 Al or Cu†	...	#14-#8 Al or Cu
<b>Enclosed Circuit Breakers</b>									
 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-VH (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-VH (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-VH (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.



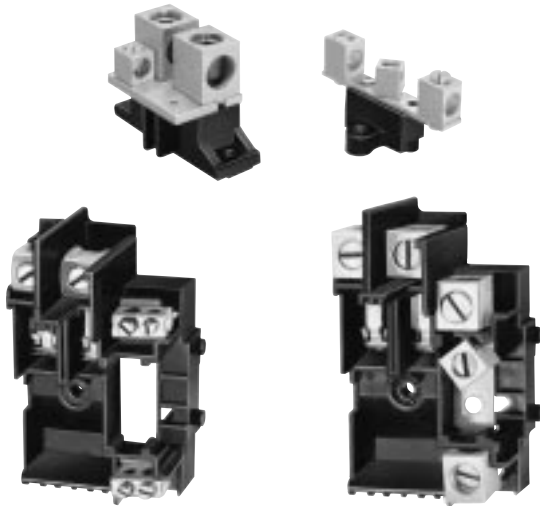
# Application Data and Dimensions

## Neutral Assemblies

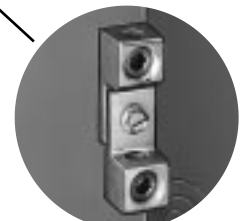
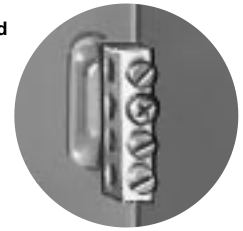
Insulated, groundable (except QO2TR).

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

