

CIRCUIT BREAKER MODEL PER GENERATOR

GENERATOR MODEL	240V 1-PH	208/240V 3-PH	480/600V 3-PH
PSS21	QOU	QOU	BDL
PSS30	QOU	QOU	BDL
PSS40	QBL	QBL	HDL
PSS45	QBL	QBL	HDL
PSS60	Q4L	QOU	HDL
PSS90	Q4L	Q4L	HDL
PSS150	LGL	LGL	LGL
DR12	QOU	QOU	BDL
DR20	QOU	QOU	BDL
DR45	Q4L	Q4L	HDL
DR65	Q4L	Q4L	HDL
DR90	Q4L	Q4L	HDL
DR100	LGL	LGL	LGL
DR130	LGL	LGL	LGL
DR175	LGL	LGL	LGL
DR250	-	PGL	PGL
DR300	-	PGL	PGL
DR350	-	PGL	PGL
DR400	-	RFG/PGL	LGL
DR450	-	RFG	LGL
DR500	-	RFG	PGL/LGL
DR550	-	RFG	PGL
DR600	-	RFG	PGL

CIRCUIT BREAKERS

Square D has been manufacturing electrical safety devices since 1902. In 1991 Square D joined with Schneider Electric. Schneider Electric was started in 1836 and has been involved in the electrical industry since the beginning. WINCO uses Square D products because they have a long history of producing highly reliable and safe electrical components.



BDL

Amperage Range	15-125
Rating	2-3 Pole 250 VDC/600 VAC
Interrupting Rating	
208/240V	25 kA
480V	18 kA
600V	14 kA
Frequency	60 Hz
Lug Wire Size	(1) #6 - #2/0 AWG (1) #14 - #3/0 AWG
Trip Mechanism	Thermal-Magnetic
Standards	UL 489 UL 5008 per NEMA B600
Trip Indicator	Yes
Operating Temp	-13°F - 158° F

HDL

Amperage Range	15-150
Rating	2-3 Pole 250 VDC/600 VAC
Interrupting Rating	
240V	65 kA
480V	35 kA
600V	18 kA
Frequency	60 Hz
Lug Wire Size	(1) #14 - #3/0 AWG
Trip Mechanism	Electronic, Adjustable
Standards	UL 489 NEMA AB1
Trip Indicator	Yes
Operating Temp	-13°F - 158° F

QOU

Amperage Range	10-125
Rating	2-3 Pole 60 VDC/277 VAC
Interrupting Rating	
240V	10 kA
277V	5 kA
Frequency	60 Hz
Lug Wire Size	
60 Amp	(1) #14 - #2 AWG
80-125 Amp	(1) #12 - #2/0 AWG
Trip Mechanism	Thermal-Magnetic
Standards	UL 489 NEMA AB1
Trip Indicator	Yes
Operating Temp	14°F - 104° F

Q4L

Amperage Range	125-400
Rating	2-3 Pole 240 VAC
Interrupting Rating	25 kA
Frequency	60 Hz
Lug Wire Size	(1) #1 AWG-600 kcmil or (2) #1 AWG-250 kcmil
Trip Mechanism	Thermal-Magnetic
Standards	UL 489 NEMA AB1
Trip Indicator	Yes
Ambient Temp Rating	-13°F - 158° F

LGL

Amperage Range	250-600
Rating	3 Pole 600 VAC
Interrupting Rating	
240V	65 kA
480V	35 kA
600V	18 kA
Frequency	60 Hz
Lug Wire Size	
250A	(1) AWG #2 500 or 600 kcmil
400-600A	(2) #2/0 AWG-500 kcmil
Trip Mechanism	Electronic, Adjustable
Standards	UL 489 NEMA AB1
Trip Indicator	Yes
Ambient Temp Rating	28°F - 158° F

QBL

Amperage Range	70-250
Rating	2-3 Pole 240 VAC
Interrupting Rating	10kA
Frequency	60 Hz
Lug Wire Size	(1) #4 AWG - 300 kcmil
Trip Mechanism	Magnetic, Fixed
Standards	UL 489 NEMA AB1
Trip Indicator	Yes
Ambient Temp Rating	-13°F - 158° F

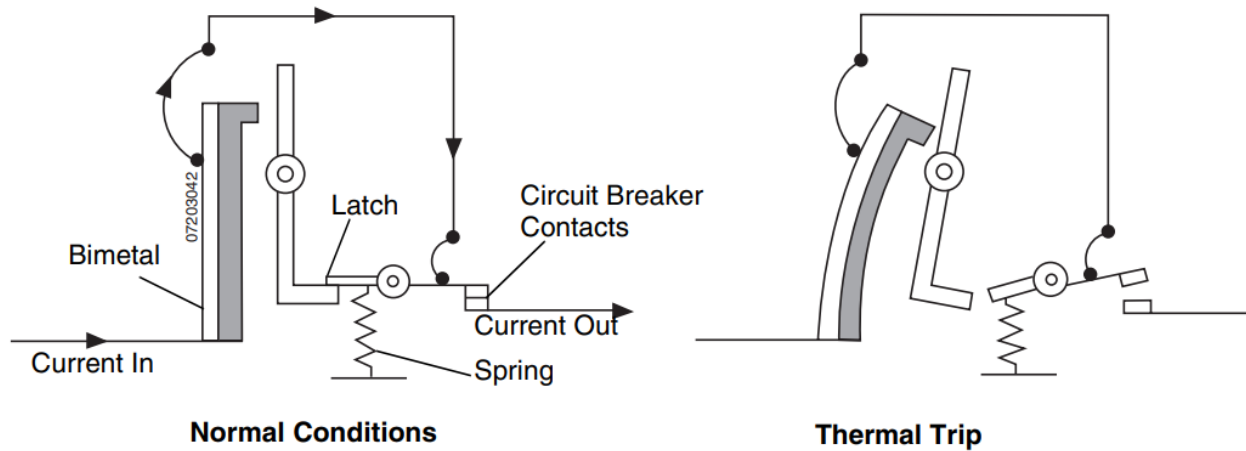
PGL

Amperage Range	600-1200
Rating	2-3 Pole 600 VAC
Interrupting Rating	
240V	65 kA
480V	35 kA
600V	18 kA
Frequency	60 Hz
Lug Wire Size	
600-800A	(3) #3/0 AWG -500 kcmil
1000-1200A	(4) #3/0 AWG-500 kcmil
Trip Mechanism	Electronic
Standards	UL 489 NEMA AB1
Trip Indicator	Yes
Ambient Temp Rating	-13°F - 158° F

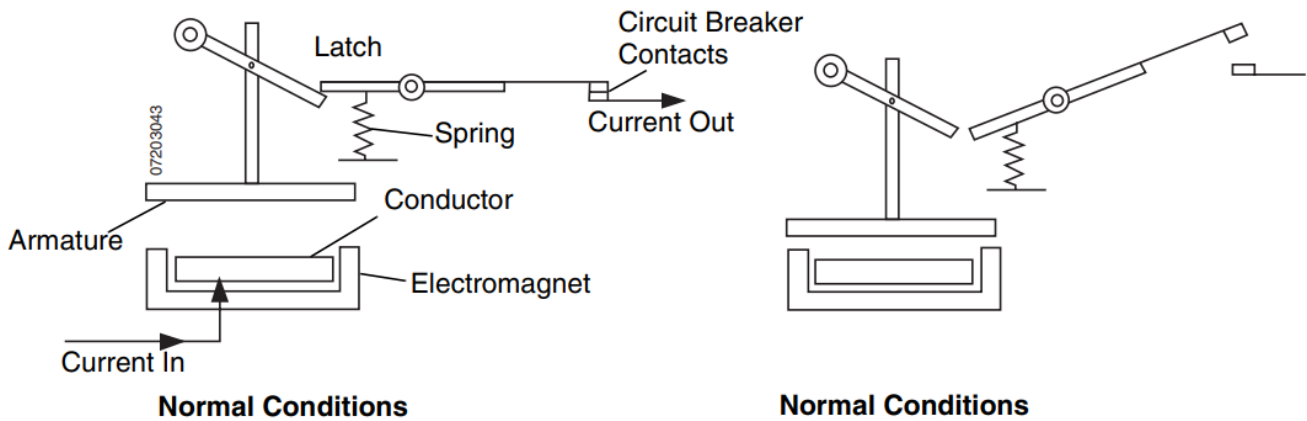
RGF

Amperage Range	600-3000
Rating	3 Pole 600 VAC
Interrupting Rating	
240V	65 kA
480V	35 kA
600V	18 kA
Frequency	60 Hz
Lug Wire Size	1#3/0 AWG-750 kcmil
Trip Mechanism	Electronic, Adjustable
Standards	UL 489 NEMA AB1
Trip Indicator	Yes
Ambient Temp Rating	-13°F - 158° F

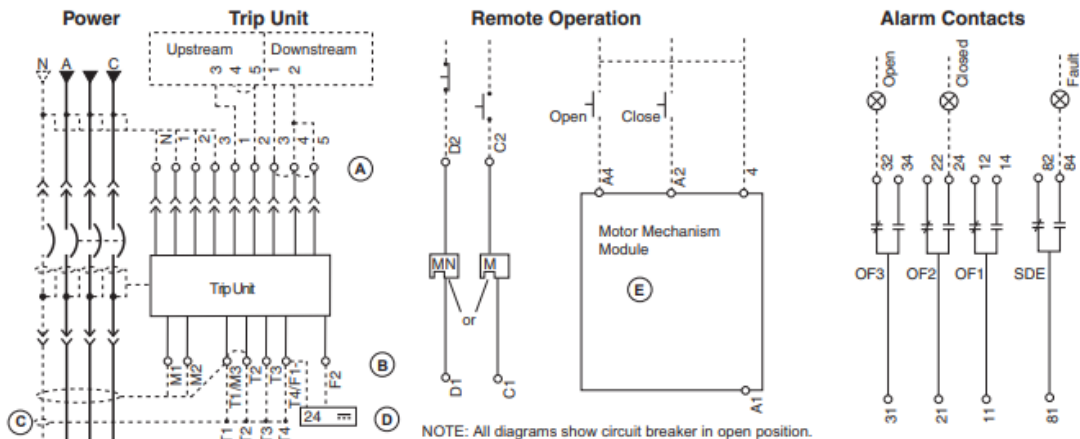
THERMAL TRIPPING



MAGNETIC TRIPPING



ELECTRONIC TRIPPING



- A-Do not remove factory-installed jumpers between Z3, Z4 and Z5 unless ZSI is connected.
 B-Do not remove factory-installed jumper between T1 and T2 unless neutral CT is connected. Do not install jumper between T3 and T4.
 C-For proper wiring of neutral CT, refer to Instruction Bulletin 48041-082-01 shipped with it.
 D-24 Vdc power supply for trip unit must be separate and isolated from 24 Vdc power supply for communication modules.
 E-Motor mechanism includes opening and closing coils.