

Molded Case Circuit Breakers

NGB/NGG Frame

Selection

NGB (Panelboard Mount) NGG (Cable In - Cable Out)

Continuous Ampere Rating @ 40C	1-Pole		2-Pole		3-Pole	
	Catalogue Number		Catalogue Number		Catalogue Number	
	Panelboard Mount	General Purpose Breakers ^①	Panelboard Mount	General Purpose Breakers ^①	Panelboard Mount	General Purpose Breakers ^①
15	NGB1B015B ^②	NGG1B015L ^②	NGB2B015B ^②	NGG2B015L ^②	NGB3B015B ^②	NGG3B015L ^②
20	NGB1B020B ^②	NGG1B020L ^②	NGB2B020B ^②	NGG2B020L ^②	NGB3B020B ^②	NGG3B020L ^②
25	NGB1B025B ^②	NGG1B015L ^②	NGB2B025B ^②	NGG2B015L ^②	NGB3B025B ^②	NGG3B015L ^②
30	NGB1B030B ^②	NGG1B030L ^②	NGB2B030B ^②	NGG2B030L ^②	NGB3B030B ^②	NGG3B030L ^②
35	NGB1B035B ^②	NGG1B035L ^②	NGB2B035B ^②	NGG2B035L ^②	NGB3B035B ^②	NGG3B035L ^②
40	NGB1B040B ^②	NGG1B040L ^②	NGB2B040B ^②	NGG2B040L ^②	NGB3B040B ^②	NGG3B040L ^②
45	NGB1B045B ^②	NGG1B045L ^②	NGB2B045B ^②	NGG2B045L ^②	NGB3B045B ^②	NGG3B045L ^②
50	NGB1B050B ^②	NGG1B050L ^②	NGB2B050B ^②	NGG2B050L ^②	NGB3B050B ^②	NGG3B050L ^②
60	NGB1B060B	NGG1B060L	NGB2B060B	NGG2B060L	NGB3B060B	NGG3B060L
70	NGB1B070B	NGG1B070L	NGB2B070B	NGG2B070L	NGB3B070B	NGG3B070L
80	NGB1B080B	NGG1B080L	NGB2B080B	NGG2B080L	NGB3B080B	NGG3B080L
90	NGB1B090B	NGG1B090L	NGB2B090B	NGG2B090L	NGB3B090B	NGG3B090L
100	NGB1B100B	NGG1B100L	NGB2B100B	NGG2B100L	NGB3B100B	NGG3B100L
110	NGB1B110B	NGG1B110L	NGB2B110B	NGG2B110L	NGB3B110B	NGG3B110L
125	NGB1B125B	NGG1B125L	NGB2B125B	NGG2B125L	NGB3B125B	NGG3B125L

Line and load lugs are included as standard. If only load side lugs are needed, change "L" suffix to "B". HACR rated.

NGG Suitable for screws or DIN rail mounting.

Shipping Weights

Number of Poles	Number per Carton	Shipping Weight lbs. (kg)	
		NGB	NGG
1	1	0.9 (0.4)	.75 (0.34)
2	1	1.9 (0.9)	1.3 (0.59)
3	1	2.9 (1.2)	2.0 (0.98)

Lugs For 60/75°C Wire

Ampere Rating	Wire Size	Catalogue Number	
		NGB	NGG
15-30A	#14-#6 AWG Cu #12-#6 AWG Al	Integral with breaker	TC1Q1 (qty.1) 3TC1Q1 (qty.3)
35-125A	#8-1/0 AWG Cu #8-2/0 AWG Cu	Integral with breaker	3TC1GG20 (qty.3)
15-125A	Nut Keeper plate w/screw (for crimp\ terminals)	N/A	TNKG3 (qty.3)

Interrupting Ratings

Breaker Type	Number of Poles	CSA / UL 489 AIR								IEC 947-2				
		RMS Symmetrical Amperes (KA)								Volts AC (50/60Hz)				
		Volts AC(50/60Hz)						Volts DC		220/240		380/415		Volts DC
		120	240	277	347	480	600/347	125	250	Icu	Ics	Icu	Ics	125/250V DC
NGB/NGG	1	65	—	25	14	—	—	14	—	25	12.5	—	—	—
	2, 3	—	65	—	—	25	14	—	14 ^③	65	12.5	25	12.5	—

For inches / millimeters conversion, see Application Data section.

① SWD rated.

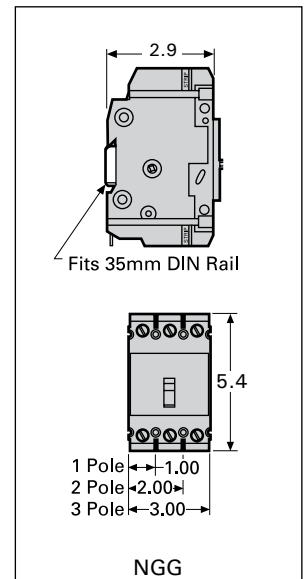
② HID Rated at 15-50A 1 Pole @ 347V; 2&3 pole @ 347V.

③ 125/250V DC rating applies to 2-Pole NGG only.

④ General Purpose Breakers also carry CE marks.



NGG



NGG

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MOLDED CASE
CIRCUIT BREAKERS

Molded Case Circuit Breakers

Internal Accessories for NGG and NGB 125A Frame

Selection

Shunt Trip

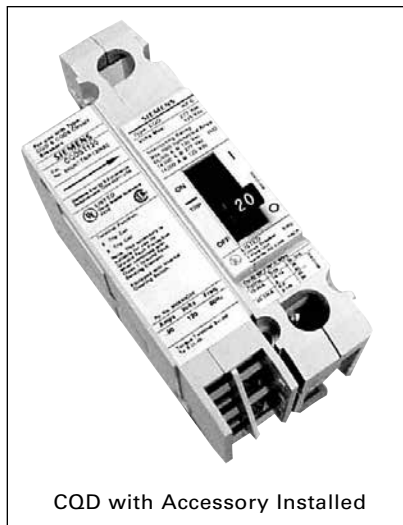
Control Voltage		CQD, CQD6, NGG, NGB Catalogue Number
V AC	V DC	
120	—	CQDST120
240	—	CQDST240▲
277	—	CQDST277▲
480	—	CQDST480▲
600	—	CQDST600
—	12	CQDST12
—	24	CQDST24
—	48	CQDST48
—	125	CQDST125

Auxiliary Switch

Maximum Voltage		Number of Contacts	CQD, CQD6, NGG, NGB Catalogue Number
AC	DC		
240	125	1A–1B	CQDA1
240	125	2A–2B	CQDA2

Alarm Switch

Maximum Voltage		CQD, CQD6, NGG, NGB Catalogue Number
AC	DC	
240	125	CQDBA



CQD with Accessory Installed

Shunt Trip and Auxiliary Switch Combinations

Shunt Trip Voltage		CQD, CQD6, NGG, NGB Catalogue Number
AC	DC	
24	—	CQDST24AAS▲
120	—	CQDST120AAS▲
240	—	CQDST240AAS▲
277	—	CQDST277AAS▲
480	—	CQDST480AAS▲
600	—	CQDST600AAS▲
—	12	CQDST12DAS▲
—	24	CQDST24DAS▲
—	48	CQDST48DAS▲
—	125	CQDST125DAS▲

Alarm and Auxiliary Switch Combinations

For Breaker	Catalogue Number
CQD, CQD6, NGG, NGB	CQDA1BA▲

Padlocking Devices

For locking breaker in "OFF" position.

NGG	HPLG
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Handle Blocking Devices

NGG, NGB	BQDHBD
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Terminal Shields

NGG	TSSG3A
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▲ Built to order. Allow 6–8 weeks for delivery.