

G-TRIP CHARACTERISTICS

Application Examples:

General industrial, including motors, some transformers, solenoids, control circuits, lighting and wiring. Meets the US trip norms with relatively short thermal trip delay and high magnetic trip point.

Type Designation

2 G N U 60
(a) (b) (c) (d) (e)

(a) = Number of Poles

(b) = Trip Characteristic

(c) = Blank: without neutral pole
= N: with neutral pole

(d) = U: UL/CSA version
= R: ring tongue terminals,
UL/CSA version

= Blank: European version

(e) = Rated Current

Approvals:



Voltage Rating®

Interrupting Capacity (UL/CSA - Ratings)

Group Short Circuit (UL/CSA - Ratings)

Interrupting Capacity (VDE - Ratings)

Mechanical Endurance

Calibration Temperature

Standard Pack and Weight

Terminal Size Acceptability

Terminal Torque

Basic Dimensions (Elevation View)

❶ Not European standard rating.

❷ Please refer to page 21 for specific applications.

❸ DC rating (Manufacturer's self certification):
One pole 48VDC, two pole series 125VDC

* AC Motor Starting, Across-the-line approval pending

ONE POLE



1G

Rated Current	Type/ Cat. No.	Approvals
0.3A	1GU03	UL
0.5A	1GU05	UL
0.75A	NA	
0.8A❶	1GU08	UL
1.0A	1GU1	UL
1.6A	1GU1.6	UL
2.0A	1GU2	UL
2.5A	1GU2.5	UL
3.0A	1GU3	UL
3.5A	1GU3.5	UL
4.0A	1GU4	UL
5.0A	1GU5	UL
6.0A	1GU6	UL
8.0A	1GU8	UL
10A	1GU10	UL
12A❶	1GU12	UL
12.5A	1GU125	UL
13A	1GU13	UL
15A❶	1GU15	UL
16A	1GU16	UL
20A	1GU20	UL
25A	1GU25	UL
30A❶	1GU30	UL
32A	1GU32	UL
40A	1GU40	UL
50A	1GU50	UL
60A❶	1GU60	UL
63A	1GU63	

277VAC

0.3-60A (RC): 10kA with UL-listed
RK5 back-up fuse or MCCB

0.3-10A (RC): 10kA; 12-60A (RC): 5kA
no branch circuit protection required

0.3-63A (RC): 10kA

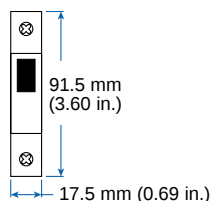
10000 ON/OFF operations❷

40°C (104°F)

10/0.3A - 32A = 1.4kg (3.1 lb.)
40A - 63A = 1.6kg (3.5 lb.)

Top: 18-3 AWG; Bottom: 18-2 AWG

20 lb.in.



ONE POLE PLUS NEUTRAL



2GN

Type/ Cat. No.	Approvals
2GNU03	UL
2GNU05	UL
NA	
2GNU08	UL
2GNU1	UL
2GNU1.6	UL
2GNU2	UL
2GNU2.5	UL
2GNU3	UL
2GNU3.5	UL
2GNU4	UL
2GNU5	UL
2GNU6	UL
2GNU8	UL
2GNU10	UL
2GNU12	UL
2GNU125	UL
2GNU13	UL
2GNU15	UL
2GNU16	UL
2GNU20	UL
2GNU25	UL
2GNU30	UL
2GNU32	UL
2GNU40	UL
2GNU50	UL
2GNU60	UL
2GNU63	

277VAC

0.3-60A (RC): 10kA with UL-listed
RK5 back-up fuse or MCCB

0.3-10A (RC): 10kA; 12-60A (RC): 5kA
no branch circuit protection required

0.3-63A (RC): 10kA

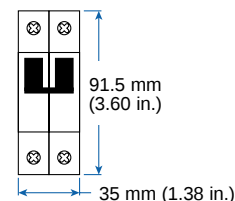
10000 ON/OFF operations❷

40°C (104°F)

5/0.3A - 32A = 1.3kg (2.9 lb.)
40A - 63A = 1.45kg (3.2 lb.)

Top: 18-3 AWG; Bottom: 18-2 AWG

20 lb.in.



TWO POLE



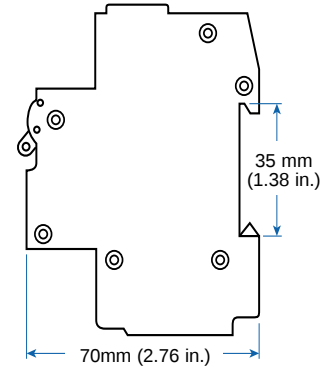
2G

THREE POLE



3G

Basic Dimensions (side view)



Rated Current Type/
Cat. No. Approvals

0.3A	2GU03	UL	SE
0.5A	2GU05	UL	SE
0.75A	NA		
0.8A	2GU08	UL	SE
1.0A	2GU1	UL	SE
1.6A	2GU1.6	UL	SE
2.0A	2GU2	UL	SE
2.5A	2GU2.5	UL	SE
3.0A	2GU3	UL	SE
3.5A	2GU3.5	UL	SE
4.0A	2GU4	UL	SE
5.0A	2GU5	UL	SE
6.0A	2GU6	UL	SE
8.0A	2GU8	UL	SE
10A	2GU10	UL	SE
12A	2GU12	UL	SE *
12.5A	2GU125	UL	SE *
13A	2GU13	UL	SE *
15A	2GU15	UL	SE *
16A	2GU16	UL	SE *
20A	2GU20	UL	SE *
25A	2GU25	UL	SE *
30A	2GU30	UL	SE *
32A	2GU32	UL	SE *
40A	2GU40	UL	SE *
50A	2GU50	UL	SE *
60A	2GU60	UL	SE *
63A	2GU63	UL	SE *

480Y/277VAC

0.3-60A (RC): 10kA with UL-listed
RK5 back-up fuse or MCCB

0.3-10A (RC): 10kA; 12-60A (RC): 5kA
no branch circuit protection required

0.3-63A (RC): 10kA

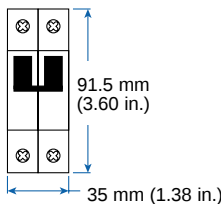
10000 ON/OFF operations²

40°C (104°F)

5/1.4kg (3.1 lb.)

Top: 18-3 AWG; Bottom: 18-2 AWG

20 lb.in.



Type/
Cat. No. Approvals

3GU03	UL	SE
3GU05	UL	SE
NA		
3GU08	UL	SE
3GU1	UL	SE
3GU1.6	UL	SE
3GU2	UL	SE
3GU2.5	UL	SE
3GU3	UL	SE
3GU3.5	UL	SE
3GU4	UL	SE
3GU5	UL	SE
3GU6	UL	SE
3GU8	UL	SE
3GU10	UL	SE
3GU12	UL	SE *
3GU125	UL	SE *
3GU13	UL	SE *
3GU15	UL	SE *
3GU16	UL	SE *
3GU20	UL	SE *
3GU25	UL	SE *
3GU30	UL	SE *
3GU32	UL	SE *
3GU40	UL	SE *
3GU50	UL	SE *
3GU60	UL	SE *
3GU63	UL	SE *

480Y/277VAC

0.3-60A (RC): 10kA with UL-listed
RK5 back-up fuse or MCCB

0.3-10A (RC): 10kA; 12-60A (RC): 5kA
no branch circuit protection required

0.3-63A (RC): 10kA

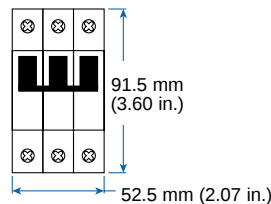
10000 ON/OFF operations²

40°C (104°F)

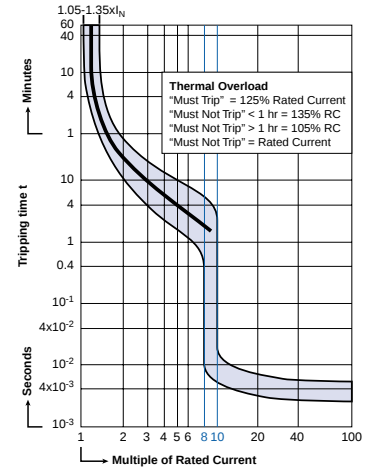
4/1.68kg (3.7 lb.)

Top: 18-3 AWG; Bottom: 18-2 AWG

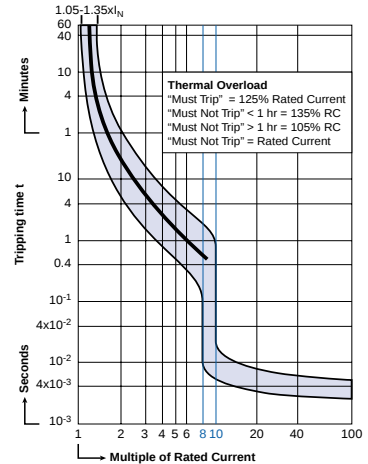
20 lb.in.



V-EA-G Trip 0.3A Through 10A Rated Current



V-EA-G Trip 12A Through 63A Rated Current



"G" Magnetic Trip Parameters Rated Current, 0.3A to 63A.

Magnetic Trip:

1. Hold for a minimum of 100ms at surge of 8 times rated current.
2. Trip in under 100ms at 10 times rated current.

NB: Trip curves shown comply with North American standards. For trip curves according to European standards please consult Altech.