

Typical GHB



Contents

<i>Description</i>	<i>Page</i>
Product Overview	V4-T2-116
Standards and Certifications	V4-T2-117
Quick Reference	V4-T2-118
G-Frame (15–100 Amperes)	V4-T2-121
F-Frame (10–225 Amperes)	V4-T2-135
J-Frame (70–250 Amperes)	V4-T2-153
K-Frame (70–400 Amperes)	V4-T2-161
L-Frame (125–600 Amperes)	V4-T2-185
M-Frame (300–800 Amperes)	V4-T2-211
N-Frame (400–1200 Amperes)	V4-T2-222
R-Frame (800–2500 Amperes)	V4-T2-237
Motor Circuit Protectors (MCP)	V4-T2-256
Motor Protection Circuit Breakers (MPCB)	V4-T2-267
Type ELC Current Limiter Attachment (Size 0–4)	V4-T2-269
Current Limiting Circuit Breaker Module	V4-T2-270
Internal Accessories	V4-T2-273
External Accessories	V4-T2-304

Types GHB and HGHB Bolt-On Panelboard Circuit Breakers (15–100 Amperes)

Standards and Certifications

These breakers meet the requirements of Federal Specification W-C-375b as follows:

- Type GHB, 120 and 240 V:
 - Single-pole: Class 11a
 - Two-, three-pole: Classes 10b, 11b, 12b, 14b, 15b
 - UL/CSA
- Type GHB, 277 and 480Y/277V:
 - Single-pole: Classes 12c, 13a
 - Two-, three-pole: Class 13b
 - Type HGHB 277V
 - Type GHQ 277V



Product Selection

Typical GHB



Type GHB Thermal-Magnetic Circuit Breakers with Non-Interchangeable Trip Units ^①

Continuous Ampere Rating at 40 °C	277/480 Vac Maximum, 125 Vdc Maximum ^②		277/480 Vac Maximum, 125/250 Vdc Maximum		277/480 Vac Maximum, 125/250 Vdc Maximum ^③	
	Single-Pole Catalog Number	Two-Pole Catalog Number	Single-Pole Catalog Number	Two-Pole Catalog Number	Single-Pole Catalog Number	Two-Pole Catalog Number
15	GHB1015 ^{④⑤}	GHB2015 ^④	GHB1015 ^{④⑤}	GHB2015 ^④	GHB3015 ^④	GHB3015 ^④
20	GHB1020 ^{④⑤}	GHB2020 ^④	GHB1020 ^{④⑤}	GHB2020 ^④	GHB3020 ^④	GHB3020 ^④
25	GHB1025	GHB2025	GHB1025	GHB2025	GHB3025	GHB3025
30	GHB1030	GHB2030	GHB1030	GHB2030	GHB3030	GHB3030
35	GHB1035	GHB2035	GHB1035	GHB2035	GHB3035	GHB3035
40	GHB1040	GHB2040	GHB1040	GHB2040	GHB3040	GHB3040
45	GHB1045	GHB2045	GHB1045	GHB2045	GHB3045	GHB3045
50	GHB1050	GHB2050	GHB1050	GHB2050	GHB3050	GHB3050
60	GHB1060	GHB2060	GHB1060	GHB2060	GHB3060	GHB3060
70	GHB1070	GHB2070	GHB1070	GHB2070	GHB3070	GHB3070
80	GHB1080	GHB2080	GHB1080	GHB2080	GHB3080	GHB3080
90	GHB1090	GHB2090	GHB1090	GHB2090	GHB3090	GHB3090
100	GHB1100	GHB2100	GHB1100	GHB2100	GHB3100	GHB3100

Type HGHB Thermal-Magnetic Circuit Breakers with Non-Interchangeable Trip Units

Continuous Ampere Rating at 40 °C	277 Vac Maximum, 125 Vdc Maximum	
	Single-Pole Catalog Number	Two-Pole Catalog Number
15	HGHB1015 ^⑥	HGHB2015 ^⑥
20	HGHB1020 ^⑥	HGHB2020 ^⑥
25	HGHB1025	HGHB2025
30	HGHB1030	HGHB2030

Notes

- ① 480Y/277 V, circuit breakers (Type GHB) not suitable for three-phase delta (480 V).
- ② 15 through 70 ampere circuit breakers only.
- ③ Use two outside poles.
- ④ Uses 0.190 (4.83) –32 screw type clamp terminals.
- ⑤ Add suffix HID for High Intensity Discharge (HID) applications. 15 and 20 ampere, single-pole are SWD rated.
- ⑥ 15 and 20 ampere, single-pole are SWD rated.

2.3

Molded Case Circuit Breakers

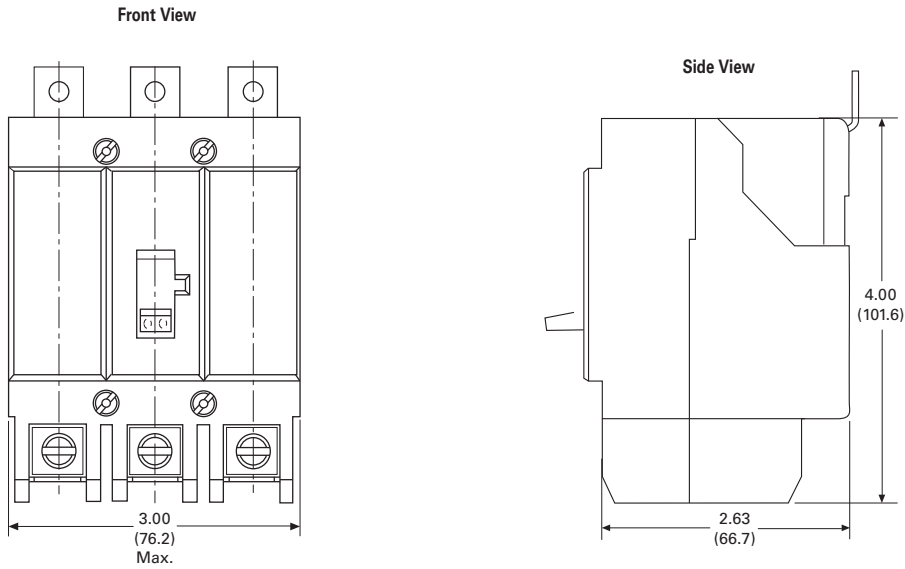
Series C

Dimensions

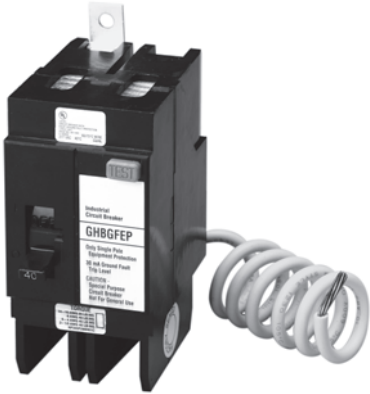
Approximate Dimensions in Inches (mm)

2

GDB-Frame, Three-Pole



Single-Phase (requires two poles)



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Type GHBGFEP Bolt-On Panelboard 30 mA Industrial Ground Fault Circuit Protectors (15–100 Amperes)

Product Description

- 15–60 amperes, 277 V, 50/60 Hz
- Operational voltage 240 V to 305 V

Standards and Certifications

These circuit breakers meet the requirements of UL 489 and UL 1053.



Product Selection

Type GHBGFEP Bolt-On Panelboard 30 mA Industrial Ground Fault Circuit Protectors with Non-Interchangeable Trip Units

Continuous Ampere Rating at 40 °C	Single-Phase (Requires Two Poles) 277 Vac, 30 mA Catalog Number
15	GHBGFEP1015
20	GHBGFEP1020
30	GHBGFEP1030
40	GHBGFEP1040
50	GHBGFEP1050
60	GHBGFEP1060

Technical Data and Specifications

Interrupting Capacity Ratings

Circuit Breaker Type	Number of Poles	Interrupting Capacity (Symmetrical Amperes) 277 Vac (50/60 Hz)
GHBGFEP	1	14,000

2.3

Molded Case Circuit Breakers

Series C

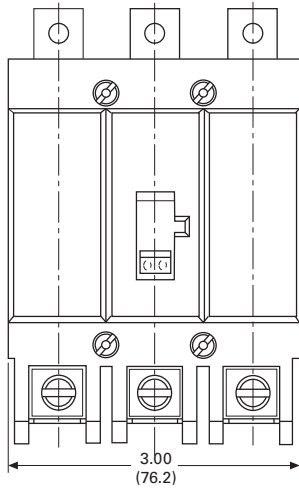
Dimensions

Approximate Dimensions in Inches (mm)

2

GHB-Frame, Three-Pole

Front View



Side View

