

Typical GHB

2



### Contents

<i>Description</i>	<i>Page</i>
Product Overview . . . . .	<b>V4-T2-116</b>
Standards and Certifications . . . . .	<b>V4-T2-117</b>
Quick Reference . . . . .	<b>V4-T2-118</b>
G-Frame (15–100 Amperes) . . . . .	<b>V4-T2-121</b>
F-Frame (10–225 Amperes) . . . . .	<b>V4-T2-135</b>
J-Frame (70–250 Amperes) . . . . .	<b>V4-T2-153</b>
K-Frame (70–400 Amperes) . . . . .	<b>V4-T2-161</b>
L-Frame (125–600 Amperes) . . . . .	<b>V4-T2-185</b>
M-Frame (300–800 Amperes) . . . . .	<b>V4-T2-211</b>
N-Frame (400–1200 Amperes) . . . . .	<b>V4-T2-222</b>
R-Frame (800–2500 Amperes) . . . . .	<b>V4-T2-237</b>
Motor Circuit Protectors (MCP) . . . . .	<b>V4-T2-256</b>
Motor Protection Circuit Breakers (MPCB) . . . . .	<b>V4-T2-267</b>
Type ELC Current Limiter Attachment (Size 0–4) . . . . .	<b>V4-T2-269</b>
Current Limiting Circuit Breaker Module . . . . .	<b>V4-T2-270</b>
Internal Accessories . . . . .	<b>V4-T2-273</b>
External Accessories . . . . .	<b>V4-T2-306</b>

### 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** <sup>①</sup>

Continuous Ampere Rating at 40 °C	277/480 Vac Maximum, 125 Vdc Maximum <sup>②</sup>	277/480 Vac Maximum, 125/250 Vdc Maximum	277/480 Vac Maximum, 125/250 Vdc Maximum <sup>③</sup>
	Single-Pole Catalog Number	Two-Pole Catalog Number	Three-Pole Catalog Number
15	GHB1015 <sup>④⑤</sup>	GHB2015 <sup>④</sup>	GHB3015 <sup>④</sup>
20	GHB1020 <sup>④⑤</sup>	GHB2020 <sup>④</sup>	GHB3020 <sup>④</sup>
25	GHB1025	GHB2025	GHB3025
30	GHB1030	GHB2030	GHB3030
35	GHB1035	GHB2035	GHB3035
40	GHB1040	GHB2040	GHB3040
45	GHB1045	GHB2045	GHB3045
50	GHB1050	GHB2050	GHB3050
60	GHB1060	GHB2060	GHB3060
70	GHB1070	GHB2070	GHB3070
80	GHB1080	GHB2080	GHB3080
90	GHB1090	GHB2090	GHB3090
100	GHB1100	GHB2100	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
	15
20	HGHB1020 <sup>⑥</sup>
25	HGHB1025
30	HGHB1030

**Notes**

- ① 480Y/277 V, circuit breakers (Type GHB) not suitable for three-phase delta (480 V).
- ② Single-pole breakers can be applied in DC systems from 15 through 70 amperes; 80 through 100 amperes devices are not suitable for DC application.
- 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.