

◆ PG Speed Control Card Terminals and Specifications

■ PG-B2

The terminal specifications for the PG-B2 are given in the following table.

Table 2.13 PG-B2 Terminal Specifications

| Terminal | No. | Contents | Specifications |
|----------|-----|--|--|
| TA1 | 1 | Power supply for pulse generator | 12 VDC ($\pm 5\%$), 200 mA max. |
| | 2 | | 0 VDC (GND for power supply) |
| | 3 | Pulse input terminals phase A | H: +8 to 12 V (max. input frequency: 50 kHz) |
| | 4 | | GND pulse input phase A |
| | 5 | Pulse input terminals phase B | H: +8 to 12 V (max. input frequency: 50 kHz) |
| | 6 | | GND pulse input phase B |
| TA2 | 1 | Pulse monitor output terminals phase A | Open collector output, 24 VDC, 30 mA max. |
| | 2 | | |
| | 3 | Pulse monitor output terminals phase B | Open collector output, 24 VDC, 30 mA max. |
| | 4 | | |
| TA3 | (E) | Shield connection terminal | - |

◆ PG-X2

The terminal specifications for the PG-X2 are given in the following table.

Table 2.14 PG-X2 Terminal Specifications

| Terminal | No. | Contents | Specifications |
|----------|-----|---|---|
| TA1 | 1 | Power supply for pulse generator | 12 VDC ($\pm 5\%$), 200 mA max.* |
| | 2 | | 0 VDC (GND for power supply) |
| | 3 | | 5 VDC ($\pm 5\%$), 200 mA max.* |
| | 4 | Pulse input terminal phase A (+) | Line driver input (RS422 level) (maximum input frequency: 300 kHz) |
| | 5 | Pulse input terminal phase A (-) | |
| | 6 | Pulse input terminal phase B (+) | |
| | 7 | Pulse input terminal phase B (-) | |
| | 8 | Pulse input terminal phase Z (+) | |
| | 9 | Pulse input terminal phase Z (-) | |
| | 10 | Common terminal inputs | - |
| TA2 | 1 | Pulse monitor output terminal phase A (+) | Line driver output (RS422 level output) |
| | 2 | Pulse monitor output terminal phase A (-) | |
| | 3 | Pulse monitor output terminal phase B (+) | |
| | 4 | Pulse monitor output terminal phase B (-) | |
| | 5 | Pulse monitor output terminal phase Z (+) | |
| | 6 | Pulse monitor output terminal phase Z (-) | |
| | 7 | Common terminal monitor outputs | - |
| TA3 | (E) | Shield connection terminal | - |

* 5 VDC and 12 VDC cannot be used at the same time.