

ELECTRIC PARKING BRAKE

SERIES 7784



EPB with auto hold



Push rocker switch

Push button



Single EPB

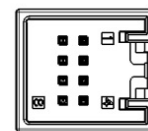
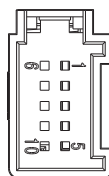
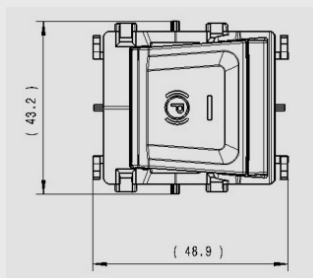
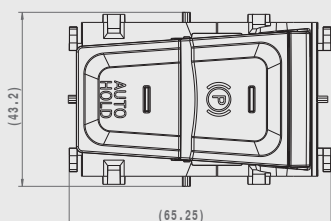
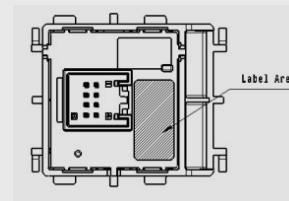
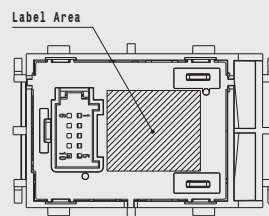
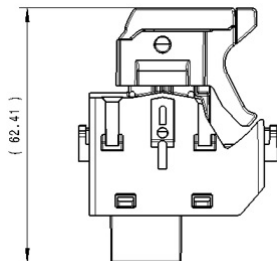
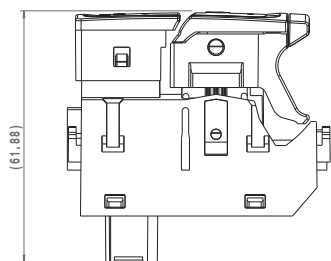
NEXT LEVEL HMI AND SUPERIOR HAPTICS PROVIDING A BENCHMARK USER EXPERIENCE.

For leading brands looking for a parking brake mechanism that can be easily installed across varied vehicles. The compact electric parking brake by Marquardt provides a high-end user experience with individual function indicators and symbol illumination which is adaptable to customer specific requirements.

FEATURES



- Customizable A-Surface material meets customer design, language and value perception
- Easy adaptation to customer specific architectures
- Different mounting options
- Up to 1,000,000 cycles
- Individual function indicators and symbol illumination



| PIN | Signal | Function |
|-----|----------------|---|
| 1 | EPB IN1 | Independent EPB input 1 |
| 2 | EPB IN2 | Independent EPB input 2 |
| 3 | EPB OUT1 | Independent EPB output 1 |
| 4 | EPB OUT2 | Independent EPB output 2 |
| 5 | Backlight-ILL+ | Symbol Illumination Positive |
| 6 | Backlight-ILL- | Symbol Illumination GND/PWM |
| 7 | AH SW | AH switch (Active low) |
| 8 | EPB IND | EPB Indicator Illumination Positive/PWM |
| 9 | AH IND | AH Indicator Illumination Positive/PWM |
| 10 | GND | Common GND for both Indicator & AH switch |

| PIN | Signal | Function |
|-----|----------------|---|
| 1 | EPB IN1 | Independent EPB input 1 |
| 2 | EPB IN1 | Independent EPB input 2 |
| 3 | EPB OUT1 | Independent EPB output 1 |
| 4 | EPB OUT2 | Independent EPB output 2 |
| 5 | Backlight-ILL+ | Symbol Illumination Positive |
| 6 | Backlight-ILL- | Symbol Illumination GND/PWM |
| 7 | EPB IND | EPB Indicator Illumination Positive/PWM |
| 8 | GND | GND Indicator |

TECHNICAL INFORMATION

Dimensions (mm) EPB with auto hold | Single EPB:
Illumination:

Appearance:

Operating temperature range:

Electrical Communication Interfaces:

Operating mechanism:

Electronic Park Brake Force / Travel:

Auto hold force / travel:

IP-Protection:

43.2 x 65.25 x 61.88 | 43.2 x 48.9 x 62.41

Backlight white (Symbol)

Function indicator yellow (Status indicator)

Matt painted buttons / Silver painted deco element

-40 °C +85 °C

EPB: Diode / Non Diode based, Auto hold: Hardwired

EPB: Push / Pull (Rocker), Auto hold: Push (Momentary)

5 N / 10°

3 N / 1.4 mm

IP53

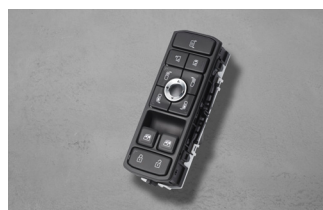
RELATED PRODUCTS



START-STOP-BUTTON



CENTER CONSOLE MODULE



WINDOW LIFTER

ALWAYS IN TOUCH WITH MARQUARDT

As a mechatronics expert we connect human and machine with intelligent, electromechanical and electronic systems and components worldwide. Global leading brands from the automotive, electronics and power tool industries rely on Marquardt's expertise for over 95 years.

www.marquardt.com
Marquardt GmbH
Schloss-Straße 16
78604 Rietheim-Weilheim
Germany

Check our website for your
personal Sales contact.

get in contact


MARQUARDT

© Marquardt 10/2022