



ROSE+BOPLA
ENCLOSURES

A PHOENIX MECANO COMPANY

BP 810 & BP 900 F Product Drawings Last Updated 7/7/2008

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Dimensional Drawings

For Secondary Services, Product Support, or To Order, Call 1-301-696-9800

Keyboard & Sloped Housings



TECHNICAL DATA:

- Color:
810—light gray, similar to RAL 7035.
900 F—agate gray, similar to 7038.
Special colors on request. 500+ piece minimum order applies.
- Material:
Enclosure—ABS plastic
Gasket—Neoprene for BP 900 F
- Ingress Protection:
810—IP 40/DIN VDE 0470
900 F—IP 65/DIN VDE 0470
- Surface resistance: $>10^{14}$ Ohm to DIN 53482
- Flammability: UL 94 HB/1.6
- Disruptive strength: 17KV/mm to DIN 53481



◀ BP 900 F (left) is ideal as a charging operation terminal. Both the BP 810 (right) and the BP 900 F have large membrane keypad areas.

Elegant, ergonomic design features distinguish these two ABS console enclosures. The BP 810 enclosure can be used as a console or wire-linked handheld unit. Especially developed for

BP 810 & BP 900 F Housings

combining a chip card reader with an input keypad, its design makes it excellent for use as a small control console enclosure.

The 810 is characterized by the following features: elegant ergonomic design, large membrane keypad area, single PC board technology, clamped between lid and base, large front panel area, recessed installation area for cable glands. The front panel area, recessed 1mm, will accept flush-fitting membrane keypads. Front panels can be processed separately without any problems and provides adequate space for a wide range of connecting designs.

BP 900 F is ideal for use as a charging operation terminal. The base can be screwed parallel to the STD 900. An ingress protection rating of 65, achievable with a Neoprene seal, makes this console enclosure ideally suited for use under extreme environmental conditions. Wall mounting is easily assembled with the break-out keyhole suspension system. Mounting plates and PC boards can be attached in different positions and levels using self-tapping screws in the mounting bosses. These console enclosures have three different uses: flat position on a table, angled position on a table, or wall mounting.

Enclosure screws are sealed off on top of and under the membrane area by means of screw covering strips, which cannot be removed without damage.

The BP 810 Sloped Housing includes a lid, base, assembly screws, front panel, and rubber feet. The BP 900 F includes a lid, base, Neoprene lid seal in groove in the horizontal position, 2 cover panels, and assembly screws.

Sloped Housings BP 810 & BP 900 F						
Model Number	Part Number	Length (Inches/mm)	Width (Inches/mm)	Height (Inches/mm)	Weight lbs.	Drawing Page #
BP 810	45810000	6.93 / 176	4.17 / 106	2.12 / 54-R	.331	17-281
				0.94 / 24-F		
BP 900 F	45900600	8.31 / 211	3.94 / 100	4.65 / 118	.701	17-281

R=rear F=front

Accessories shown on drawing page.

Note: Dimensions are external. Metric is the primary dimension.

Inch conversions are for the user's convenience and are for reference only.

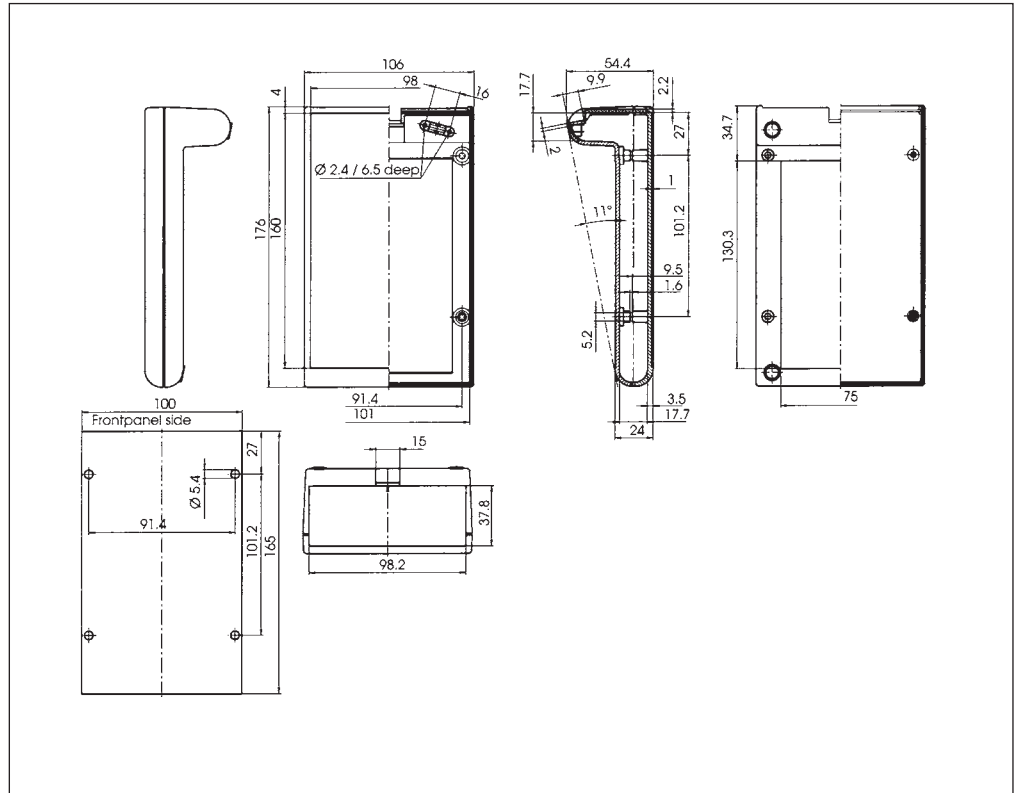
BP 810 / BP 900-F

External Dimensions: L176 x D106 x H54 / 24 mm

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Standard Features

- **BP 810/45810000** Console enclosure featuring large recessed membrane keypad/front panel area. Includes lid and base, assembly screws, front panel and rubber feet. IP 40.



BP 810 / BP 900-F

External Dimensions: L211 x D100 x H118 mm

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Standard Features

- **BP 900-F/45900600** Console enclosure featuring large recessed membrane keypad/front panel area. Ideal for use as a charging/transfer station. Includes lid and base, Neoprene lid seal in groove in horizontal position. 2 cover panels and assembly screws. IP 65.

