

16. Panels to Fit Existing Boxes

Panelboard interiors and special fronts can be furnished to fit existing boxes. Price complete panel along with appropriate price adder from below. Use the Retrofit Existing Box data sheet (page 4-15) where pertinent dimensions can be recorded. Photocopy the page, then list required dimensions on the photocopy and forward, with the order, to the nearest Square D/Schneider Electric sales office. For interiors requiring vented enclosures, contact your nearest Square D/Schneider Electric sales office for assistance.

Note: Existing box depth on flush installations must be measured from inside surface of box to outer wall or plaster surface.

A. Existing box same depth or deeper than our standard; for special front, add**\$520.**

Note: Elevating brackets to be supplied by customer for existing boxes deeper than our standard.

B. Existing box shallower than our standard; requires a box extension (surface applications) or a formed front (flush applications); hinged trim front option is not available for these applications; add**\$1040.**

Note: Formed front available on NQOD (225 A max) and NF (250 A max). When flush front is required for an existing box that is shallower than our standard, be sure to indicate the position of the box with respect to the wall in which it is mounted. This is required in order to determine whether a box extension with flat front should be supplied, or whether a flush formed front is more applicable. **The interior must be centered in the box** and, if the box is deeper than our standard, the interior must be leveled within the box. **The box must be at least 1.5" longer than the deadfront (interior trim) on each end.** Special trims that are manufactured to fit an existing box will be within $\pm 0.25"$ of the specification. Refer to the table below for standard box depths and for maximum depth for which no special mounting brackets are required.

Panelboard Type	Standard Box Depth	Maximum Box Depth for which No Special Mounting Brackets Required
NQOD standard width—main lugs only	5.75"	5.75"
NQOD standard width—main circuit breaker	5.75"	5.75"
NF	5.75"	5.75"
I-LINE®—Maximum FA or Q-frame branch circuit breaker	6.5"	7.25"
I-LINE—Maximum KA branch circuit breaker	8.25"	9.0"
I-LINE—Maximum NA branch circuit breaker	9.25"	10.25"

Data Sheet for Panelboards to Retrofit Existing Boxes (available on-line in the Q2C Order Bible)

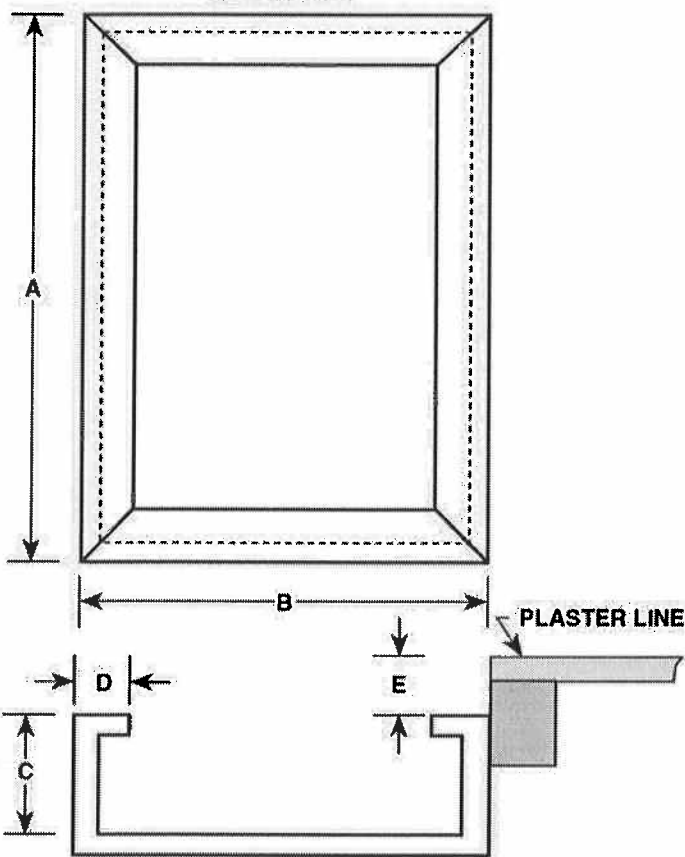
Distributor: _____

Job Name: _____

Contractor: _____

Panel Marking: _____

FRONT VIEW



TOP VIEW

TOP VIEW

The following dimensions are necessary for quotation and production of a panel to fit an existing box (provide dimensions in inches only):

1. Existing Flush-Mounted Boxes

- Height dimension "A":
- Width dimension "B":
- Depth dimension "C":
- Flange width dimension "D":
- If box is not flush with Plaster Line, dimension "E":

2. Existing Surface-Mounted Boxes

- Height dimension "A":
- Width dimension "B":
- Depth dimension "C":
- Flange dimension may be either dimension "D" or "F" (select one)
 - a. Dimension "D":
 - b. Dimension "F":

Note: Trims are furnished so that the interior must be centered within the box. If the box is deeper than the standard panelboard box for the required type of panelboard, *customer supplied mounting brackets may be necessary to bring the interior out to the front of the box.* If interior requires a vented enclosure, contact your nearest Square D/Schneider Electric sales office for assistance.