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## Hardware Installation – Mounting Brackets

### Overview

Brackets are required when mounting backplanes in 19 inch NEMA cabinets. These brackets support the 2 through 10 position backplanes. The bracket mounts to rails using standard NEMA hardware.

Mounting brackets are offered in two sizes: 20 mm for back rail mounting, and 125 mm for front rail mounting (refer to the following illustrations).

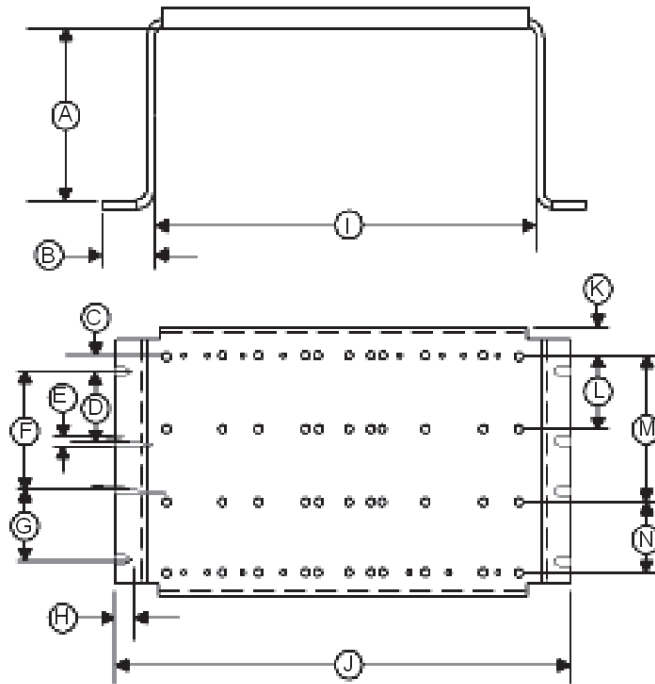
### Backplane Mounting Brackets

The following table shows the mounting brackets.

Part Number	Description
140XCP40100	125 mm Bracket
140XCP40200	20 mm Bracket

### 125 mm Mounting Bracket

The following figure shows the 125 mm mounting bracket.



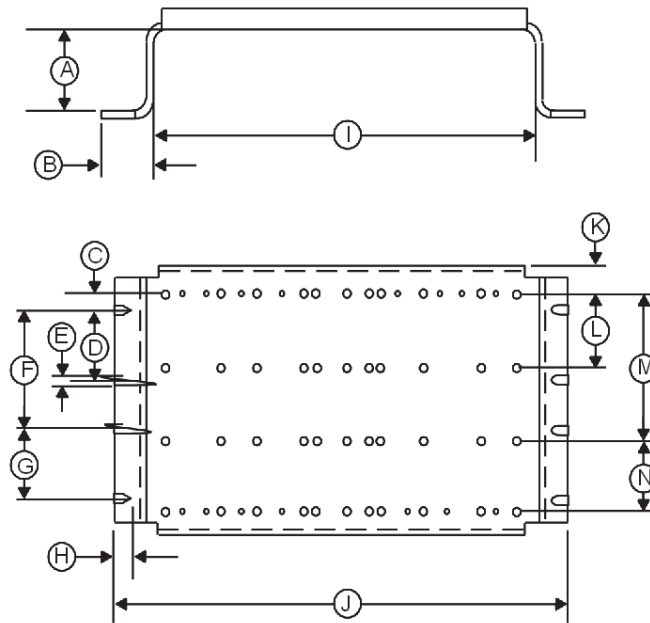
Diameter of the mounting holes: 6.6 mm / 0.26 inches

- A 125 mm / 4.92 inches
- B 22.83 mm / 0.90 inches
- C 17.5 mm / 0.69 inches
- D 88.9 mm / 3.50 inches
- E 7.1 mm / 0.28 inches
- F 146.1 mm / 5.75 inches
- G 88.9 mm / 3.50 inches
- H 14.7 mm / 0.58 inches
- I 436.6 mm / 17.19 inches
- J 482.25 mm / 18.99 inches
- K 20.2 mm / 0.79 inches
- L 94.5 mm / 3.72 inches
- M 175.5 mm / 6.91 inches
- N 94.5 mm / 3.72 inches

**NOTE:** Before installing a Quantum backplane to a mounting bracket, ensure that the mounting holes of the bracket and backplane are properly aligned.

## 20 mm Mounting Bracket

The following figure shows the 20 mm mounting bracket.



Diameter of the mounting holes: 6.6 mm / 0.26 inches

- A 20 mm / 0.79 inches
- B 22.83 mm / 0.90 inches
- C 17.5 mm / 0.69 inches
- D 88.9 mm / 3.50 inches
- E 7.1 mm / 0.28 inches
- F 146.1 mm / 5.75 inches
- G 88.9 mm / 3.50 inches
- H 14.7 mm / 0.58 inches
- I 436.6 mm / 17.19 inches
- J 482.25 mm / 18.99 inches
- K 20.2 mm / 0.79 inches
- L 94.5 mm / 3.72 inches
- M 175.5 mm / 6.91 inches
- N 94.5 mm / 3.72 inches