Overview

The **KT-MOD-CAB** cabinet is an enclosure for the **KT-MOD-REL8**, the **KT-MOD-INP16** and **KT-MOD-OUT16** expansion modules. Up to 6 modules can be installed in the cabinet.

Content

- 698-009K: Black cabinet
- KT-MOD-SPI36: 1 m (3.0 ft) SPI cable assembly with 1 SPI connector
- KT-LOCK: Lock with 2 keys
- DN1805: *Cabinet Install Sheet*, French version
- DN1806: *Cabinet Install Sheet*, English version

Related Documentation (each document is enclosed in their corresponding box)

- KT-MOD-REL8: KT-400 Expansion Module 8-Relay with SPI Cable, *Install Sheet,* DN1786
- KT-MOD-INP16: KT-400 Expansion Module 16-Zone Input with SPI Cable, *Install Sheet,* DN1776
- KT-MOD-OUT16: KT-400 Expansion Module 16-Output with SPI Cable, *Install Sheet,* DN1781

Cabinet Description

- Dimensions: 54 cm (21.2 in) High x 29.2 cm (11.5 in) Wide x 7.6 cm (3 in) Deep
- Eight (8) standard knockouts 1.9 cm (0.75 in): 4 on top, 2 at the bottom and 1 on each bottom side
- Two (2) additional openings, 6.3 cm (2.5 in), on the back panel

Installation

1. Insert the nylon standoffs into the back panel of the cabinet.

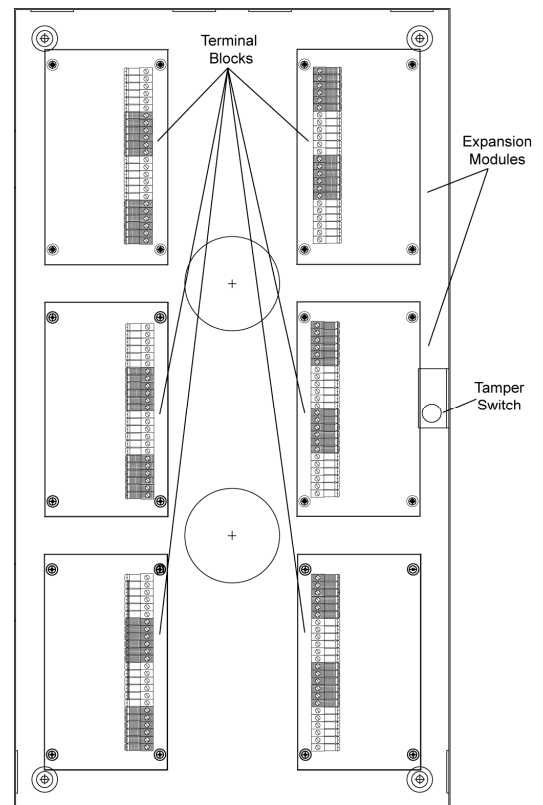   *Note:* Make sure the cabinet is in the upward position and the tamper switch location is on the right.

   IMPORTANT: Don't install the expansion modules before checking their locations within the cabinet. Trying to pull out the module from its standoffs would damage it.

2. Secure the cabinet to the wall in the desired location. Use appropriate wall anchors when securing the cabinet to drywall, plaster, concrete, brick or other surfaces.
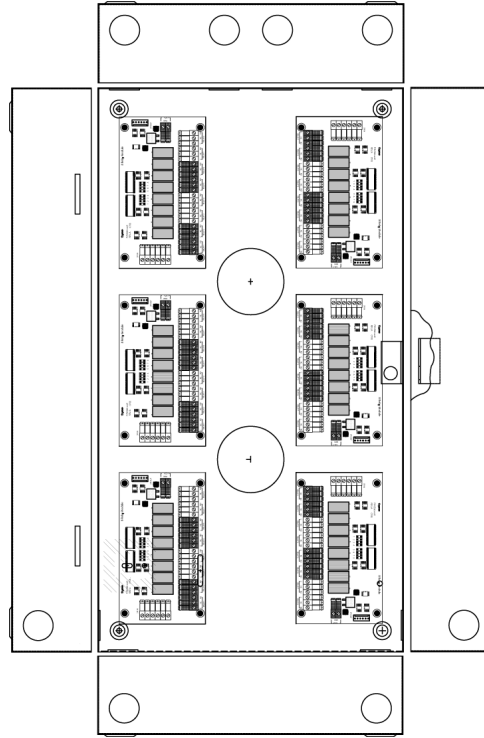
3. Mount the expansion modules on their standoffs.

   IMPORTANT: Make sure the modules terminal blocks are positioned towards the center of the cabinet.

4. Run the 91 cm (36 in) SPI cable, provided with the cabinet, from the KT-400 controller or expansion modules cabinet, through one of the knockouts, to the 1st module in the new cabinet.

Telephone: 1 (450) 444-2030 ● Toll free: 1-888-222-1560 ● Fax: 1 (450) 444-2029 ● Internet: www.kantech.com
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1

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5. Run a 41 cm (16 in) SPI cable, provided with every module, between the other modules.

6. If external power is required for the expansion modules, run the ground and power cables together **through a separate knockout than in Step 4**. Connect the external power supply to the expansion module as per their corresponding install sheet.

7. Check the external power jumper position on the expansion modules.

8. Run and connect the inputs or outputs **together through a separate knockout than in Step 6** to each expansion module as per the corresponding install sheet.

   Note: Make sure that you don't exceed the conduits capacity according to the specifications and the local building code.

9. Install and connect the tamper switch to the tamper switch terminals on the KT-400 controller.

10. Power up all the expansion modules and verify communication with the KT-400 controller.

11. Install the cabinet door.

Example of KT-400 Controller Interconnection with Expansion Modules