

# FUSION REMOTE DISPLAY KIT

## DESCRIPTION

The remote display kit includes all necessary components (excluding knockout punch) to mount the display to the front of an electrical enclosure. This allows for easy viewing and adjustment of parameters and reduces costs by eliminating the need for external gauges.

The remote display meets CE and UL requirements. CE testing was conducted with a 25 foot cable from the controller to the display. Contact the factory if you require a length longer than 25 feet.



## MOUNTING CONSIDERATIONS

Must be mounted on enclosure with smooth surface.

Maximum panel thickness: 0.25 [6.4].

## MOUNTING INSTRUCTIONS

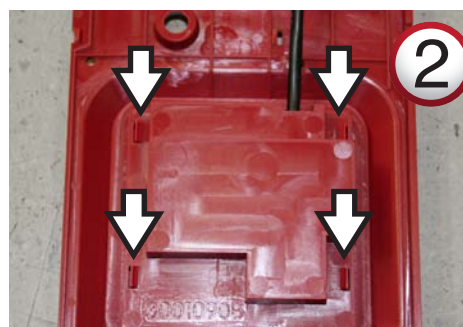
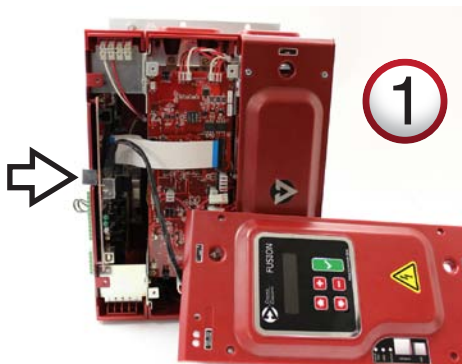
Mounting Kit includes:

- |   |             |
|---|-------------|
| (1) Gasket  | (1) Ferrite |
| (1) Display retainer                                      | (4) Screws  |
| (1) 5 or 25 foot shielded cable                           |             |
| (1) Empty Display with CCI logo to replace actual display |             |

- Carefully remove the 4 screws securing the lid.
- Disconnect the display cable from the controller. (See Fig. 1)
- Remove the display from the lid. The four tabs holding the display into the lid are marked. (See Fig. 2)
- Insert the empty display into the lid and reattach to the controller.
- Remove the 1 foot cable from the display. Run one end of the 5 or 25 foot cable to the Remote Display connector on the side of the controller (See Number 3)

## RATINGS

- IP65 - Totally protected against ingress of dust. Protected against jets of water. Limited ingress permitted.
- UL Type 1 - Enclosure constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosure equipment and to provide a degree of protection against falling dirt.
- UL Type 12 - Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, against circulating dust, lint, fibers, and filings; against dripping and light splashing of non-corrosive liquids; and against light splashing and consequent seepage of oil and non-corrosive coolants.



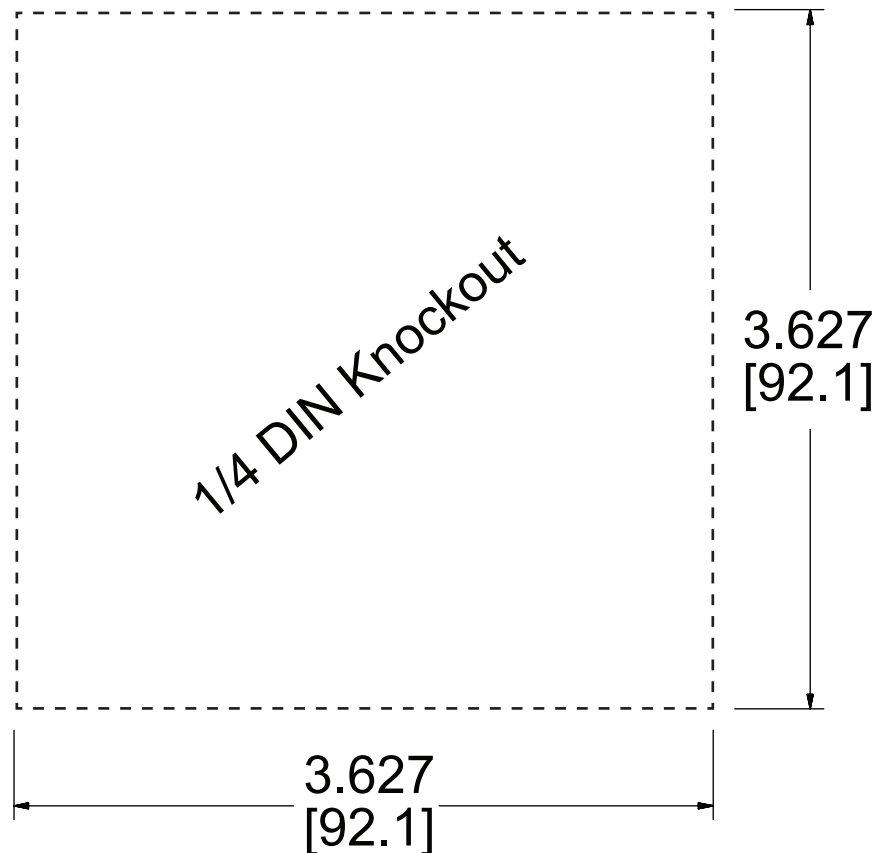
6. Make a 1/4 DIN (3.627" x 3.627" [92.13mm x 92.13mm]) size hole in the cabinet. (See guide below.)
7. Place the gasket on the back of the display. Make sure the gasket does not overhang the edges of the display. Place the display inside of the 1/4 DIN cutout of the cabinet with the display facing outward.
8. Attach the other end of the 5 or 25 foot shielded cable to the connector on the display. Place the ferrite as close to the connector as possible. (See Number 4)
9. Attach the display retainer with provided mounting screws. When tightening down the display make sure to apply equal pressure to each screw to ensure the gasket seals properly. When properly installed the gasket shall be compressed 50% on all sides. If the gasket becomes damaged during installation please contact Control Concepts for a replacement.

When the controller is supplied with the Universal input power [100-240 Vac] the display shall now operate the same as when mounted on the controller.



## 1/4 DIN HOLE GUIDE

Use the following outline to cut the 1/4 DIN size hole, as specified in Step 6.



## CONTACT

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