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General Description

The Fike External Battery box provides extended emergency short-term backup power for the TwinflexPro² to enhance the usability and reliability of the systems.

The External Battery box safeguards operation during blackouts and other power interruptions providing extended battery run time.

Only use the external battery box purchased from Fike Safety Technology which has been approved for use with the TwinflexPro² panel. **(will not fit a flush mounted panel)**

This must be mounted beneath the TwinflexPro² panel. Conduit bushes, coupling and battery lead harness are provided with the external battery box kit.

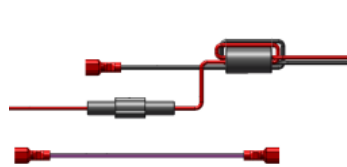
When using the external battery box the internal batteries within the panel are not used and must be removed. The internal battery connection leads must also be removed and are replaced by the battery connection leads provided with the external battery box.

Battery Type

The external battery box will require 2 x 12V 7.0Ah batteries (not provided). It's recommended that Flame Retardant (FR) batteries are used.

Contents

1 x Battery lead harness



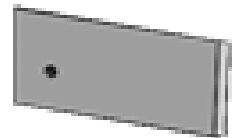
2 x 20mm conduit bush



1 x 20mm coupling



1 x Drill template

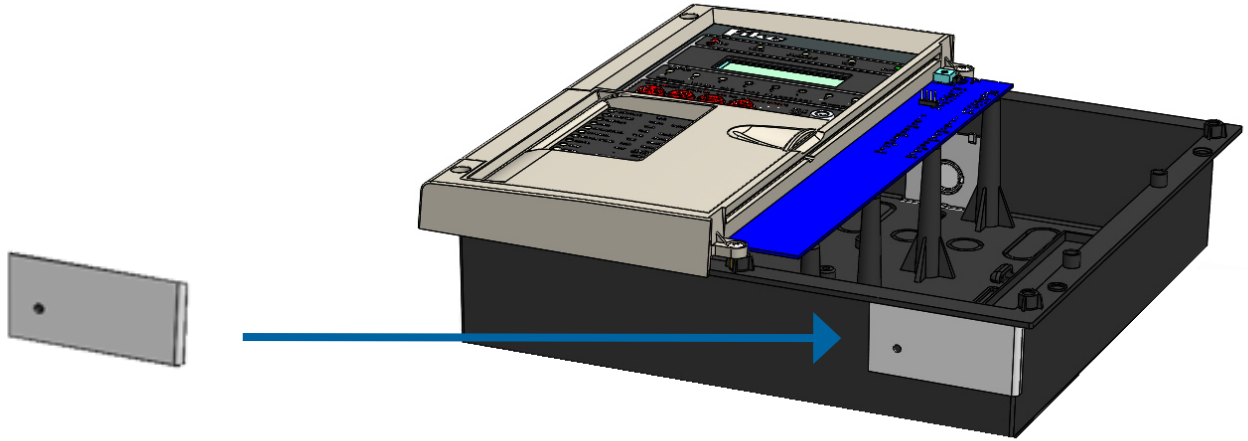


1 x External Battery box

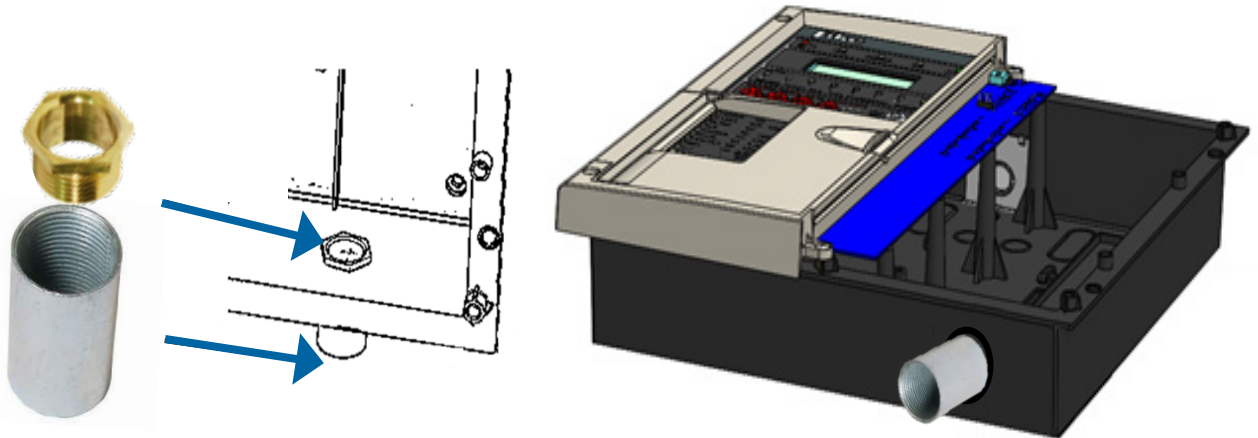


Installation

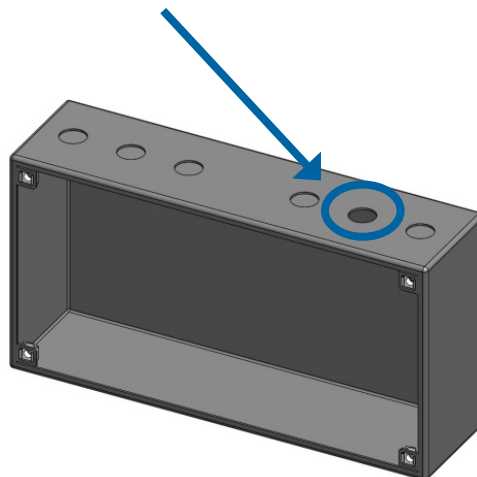
1. Place drill template on the bottom of the TwinflexPro², ensuring that it is flush to the front and side edge as shown below, using the drill template as a guide, mark and drill a 20mm hole



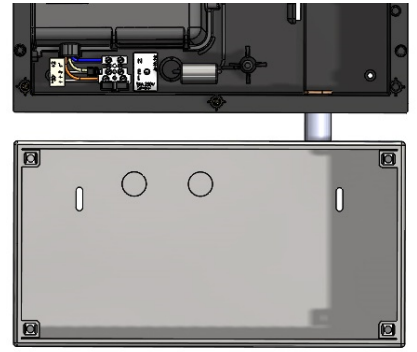
2. Using 1 x 20mm conduit bush, attach the 20mm coupling to TwinflexPro² back box



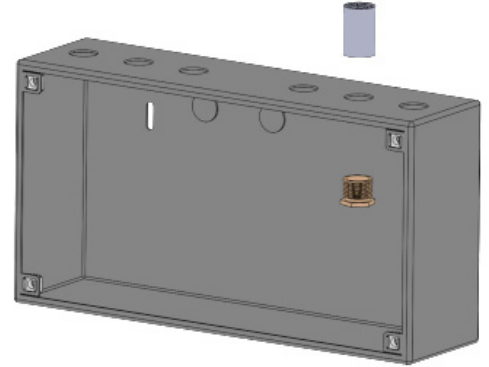
3. Remove the relevant knockout from the top of the battery box as indicated



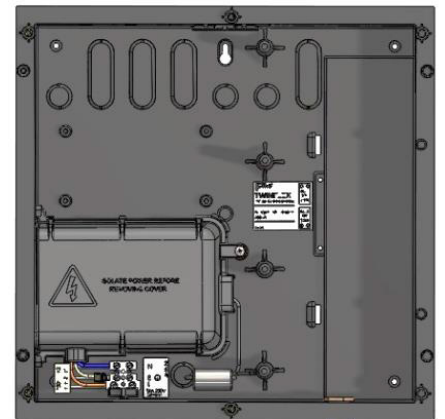
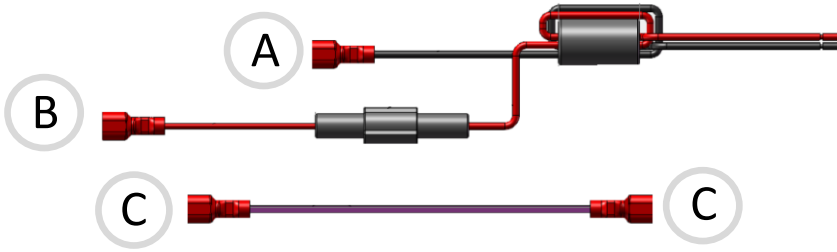
4. Mount battery box beneath the TwinflexPro² panel, securely fix to wall ensuring the box is level



5. Attach the battery box to the coupling Using 1 x 20mm conduit bush

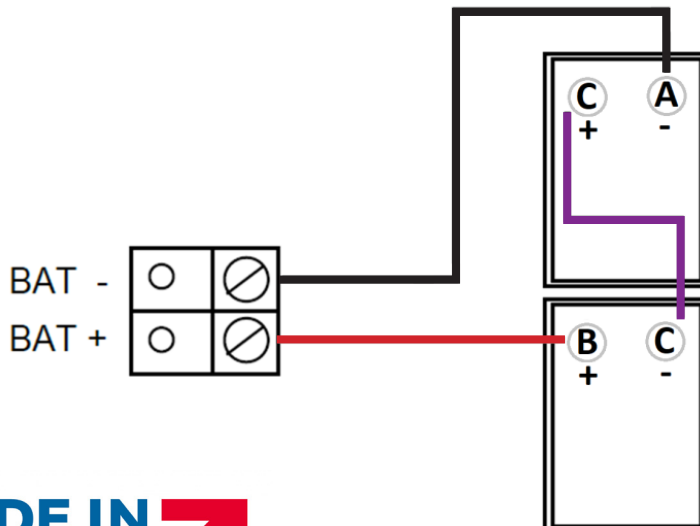
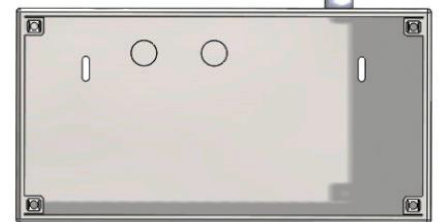


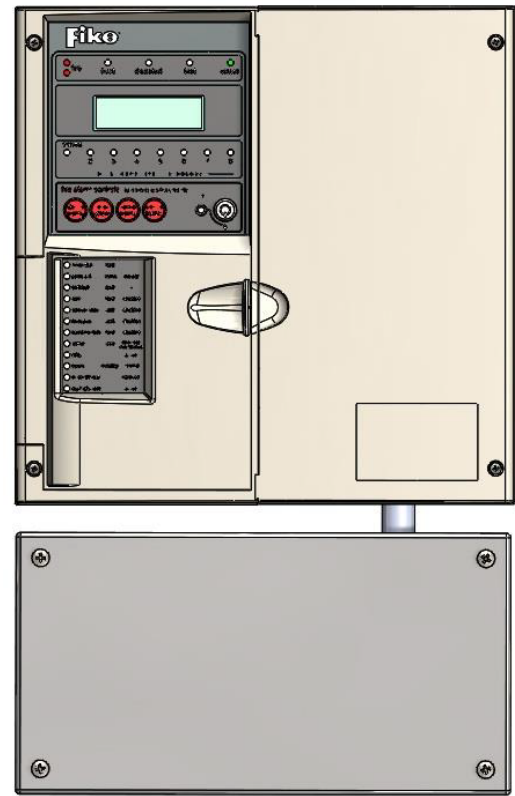
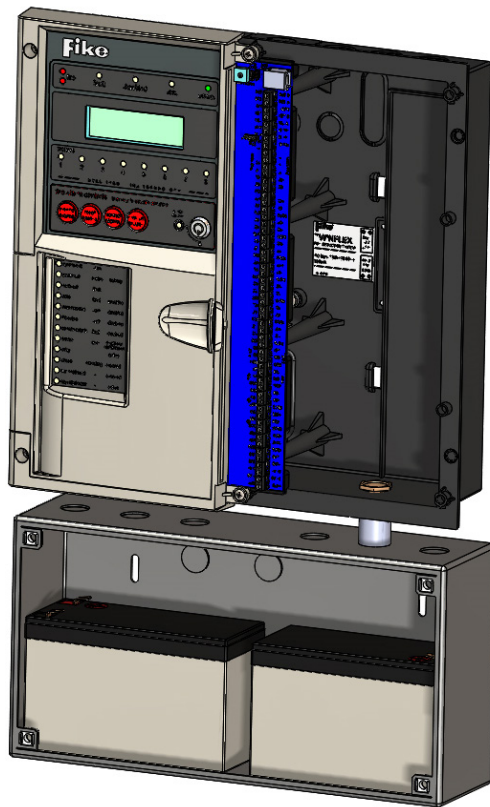
6. A harness is provided that extends from the battery box to the control panel. Connections are described below. You must run the harness through the knockout (removed above), through the coupling and up to the control panel battery terminal (BAT+ BAT-)



Check all battery connections carefully for polarity.

REVERSED CONNECTIONS MAY DAMAGE EQUIPMENT.





Technical Data

For specifications of the TwinflexPro² Panel, please see the TwinflexPro² Engineering & Commissioning Manual.

Technical Support

Contact your supplier for technical support on this product.

Due to the complexity and inherent importance of a life risk type system, training on this equipment is essential, and commissioning should only be carried out by competent persons. Fike cannot guarantee the operation of any equipment unless all documented instructions are complied with, without variation. This unit complies with the EMC directive.

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