

# Firelock

## *Installation Instructions*

**The Firelock is a fail-safe locking device, which will release under a sideload up to 100Kg. This allows the Firelock to be suitable for doors which are designated as fire escape routes.**

**Careful consideration should be given to the application, and should there be any doubt to it's suitability, please refer to the local Fire Officer.**

When you unpack the Firelock, you will find the lock, keeper, 2 x spacer plates and a fixing kit. The lock itself has a glanded cable entry - **do not** remove this gland or open the lock body, as it will render the warranty invalid and will affect the certification of the lock. CDV (UK) Ltd and it's associated group companies can accept no liability for any re-working of the Firelock whatsoever.

Cut out a vertical hole in the door frame 280mm in length (plus gland), 30mm in width and depth of 50mm. Allow for cable entry into the bottom end of the lock cut-out. Make off the connections safely, ensuring the following polarity: Blue = 12V positive, Brown = 0V negative.

Fit the lock into the hole using either the supplied security screws, or suitable wood-screws - we recommend minimum No.10 x 1½.

Mark the position of the bolt against the door leaf, and install the keeper plate centrally so that the bolt will freely enter the keeper. The hole needs to be 81mm in length, 26mm in width and 30mm in depth. Secure the keeper plate with suitable screws.

Ensure the bolt lines up with the keeper when the door is in the closed position - once you are satisfied with this, apply power to the lock, observing the polarity.

Check that when the door closes, the bolt is attracted into the keeper and the door locks satisfactorily - if so, remove power and the door should release.

When the door is closed, if the bolt is not attracted into the keeper, use the spacer plates to force the keeper plate closer to the lock - the optimum spacing is 4mm between both.

Finally, with the door locked, apply pressure to the door (as if trying to push open), and remove power with the pressure still applied. The door will still release and exit will be allowed.

<b>Voltage:</b>	<b>12Vdc</b>
<b>Current:</b>	<b>750mA continuous</b>
<b>Wiring:</b>	<b>Blue = Positive</b>
	<b>Brown = Negative</b>
<b>Environmental:</b>	<b>+70 to -50°C - Ip57</b>