



FIRE RESISTANT ROLLER SHUTTER DOOR

OPERATING & MAINTENANCE INSTRUCTIONS

Operating Instructions for Phoenix Tube Motor Fire Resisting Roller Shutters

Opening and Closing the Shutter

This is done by **push button** control or **key switch** control fitted inside the opening at a safe position where the operator can see the shutter throughout its travel.

Push Button Control

The **push button** is fitted with three push button controls, using standard operational colours.

GREEN for **OPEN**

GREEN for **CLOSE**

RED for **STOP**

BEFORE OPERATING THE SHUTTER SWITCH THE ISOLATOR ON

To **Open** the Shutter

Push the **green** button marked “**open**” and the shutter will be raised until it is **fully opened where it will stop automatically by means of an open limit switch.**

To **Close** the Shutter

Push the **green** button marked “**close**” and maintain pressure on the button until the shutter is fully closed where it will stop automatically by means of a close limit switch.

The control is constant, dead man or hold to run type, and if released whilst the shutter is in downward motion will stop the shutter. Maintain pressure on the button to continue operation.

To **Stop** the Shutter

Release pressure on the close button if no safety feature or press the **red stop** button.

Key Switch Control

^ for OPEN

V for CLOSE

RELEASE PRESSURE for STOP

BEFORE OPERATING THE SHUTTER SWITCH THE FUSED SPUR ON.

To Open the Shutter

Turn the key to the side marked “^” and maintain the pressure until the shutter is fully opened where it will stop automatically by means of an open limit switch.

To Close the Shutter

Turn the key to the side marked “v” and maintain the pressure until the shutter is fully closed where it will stop automatically by means of a close limit switch.

To Stop the Shutter

Release pressure on the key marked “v”.

To Operate the Shutter by Hand in Case of Electrical Failure

SWITCH OFF AT THE MAINS ISOLATOR

Gain access to the “eyelet” on the motor end of the shutter (at top of shutter). Using the “crank handle” wind the eyelet in the appropriate direction.

To Close the Shutter

Insert crank handle into eyelet and rotate handle to make the door lower.

To Open the Shutter

Insert crank handle into eyelet and rotate handle to make the door rise.

Remove the crank handle and then re-connect the power.

Test the shutter for correct operation as described in the „open / close“ instruction on page 1.

Door Release

Upon receipt of a signal (n/o volt free) from the fire alarm system the door will close under power.

NOTE ! Before the door can be re-set the signal from the fire alarm to the control panel must be stopped.

Battery Back Up

The “PHOENIX” Fire Shutter **MUST** have a “maintained supply at all times to allow the door to close under power. The purpose of the battery backup unit is to allow the door to close in event of a fire situation if there is a power failure.

Fire Door Interface Panel

This unit is an audio / visual unit with a built in timed delay. This unit is basically a translator from the fire alarm to the operator.

i.e. when the fire alarm is activated it sends a signal to the F.D.I. panel. The panel will then start to flash and an audio tone will start. It will hold the signal until the timer has run down and it will then activate the operator.

To operate the F.D.I. panel 1.7 amps of power is required. If the batteries in the fire alarm have this power the F.D.I. can be wired directly to the fire alarm.

Do not place hands on the channel guides

Do not insert fingers into the channel guides

Do not lean obstacles against the shutter curtain

Do not stand under the curtain

Do not operate the shutter if personnel are passing through the opening

Do not operate the shutter if anything is obstructing the opening

Do not fit additional locking devices without consulting the manufacturer

Do not operate a damaged shutter

Do not operate the shutter if work is being carried out on the shutter

Only operate the shutter by using the opening & closing equipment supplied with the shutter

Do keep clear, only stand in a position which enables the shutter to be kept in view & easily operated

Do keep the opening clear of obstructions

Do keep clear of any moving parts if the shutter is operated with any covers removed.

Do test the shutter & its equipment on a regular basis

If the shutter is damaged, keep it closed to protect the opening or, if it cannot be closed, secure it in the position with a clamp or prop, ensuring that the prop cannot be removed or knocked over. Switch off the power at the isolator, place a warning sign on the shutter to deter personnel from using the shutter and report its malfunction so repairs can be carried out.

UNDER NO CIRCUMSTANCES SHOULD INEXPERIENCED PERSONNEL UNDERTAKE ANY WORK TO INDUSTRIAL DOORS.

FOR FULL SERVICE OR ANY QUESTIONS THEN PLEASE CONTACT ANGLIA DOOR SYSTEMS ON 0800 1444338.