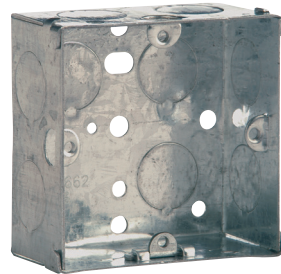


## EX-EP/F Exit button (DP) with yellow ring, illumination and engraving, Flush

Q N° 060-1

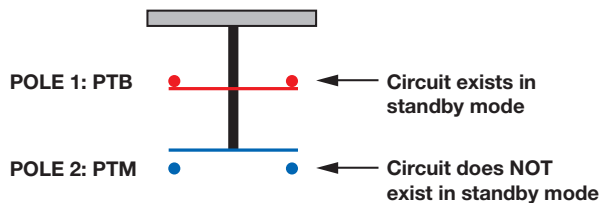


**INTERNAL ONLY.**



**MAX 1 METRE DISTANCE AT  
MAX 1 METRE HEIGHT AFFL FROM  
DOOR PULL/PUSH HANDLE.**

### STANDBY MODE

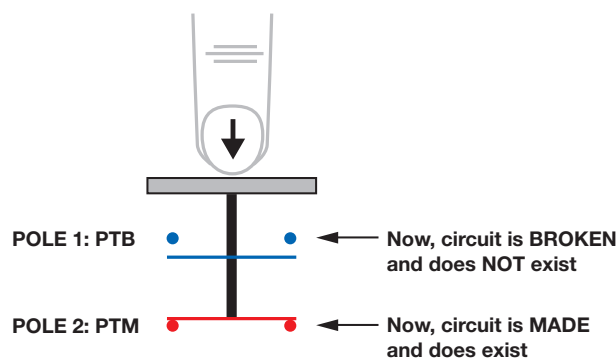


**ALWAYS CHECK THAT BOTH  
POLES HAVE BEEN USED AND  
THAT WHEN THE BUTTON IS  
PUSHED AND HELD DOWN  
THE DOOR STAYS UNLOCKED  
AND DOES NOT RE-LOCK.**

### PTB = PUSH TO BREAK

When the button is pressed the lock cable circuit is broken. No power gets to the FAIL SAFE locking device. The locking FAILS in the safe / unlocked mode so people can get out of the building. Whilst the button is held pressed in the door locking remains in the unlocked mode. The PTB part of the button creates a mechanical break in the lock cabling circuit and is for **SAFETY**.

### PRESS THE BUTTON



### PTM = PUSH TO MAKE

When the button is pressed a signal is sent to the door controller to open the door for a pre-programmed length of time for the comfort of the resident. The PTM part of the button is a **CONVENIENCE** device only.

#### Dimensions code:

- ① EX-EP/F 85mmH x 85mmW x 40mmD button
- ② 1G 75mmH x 75mmW x 53mmD

#### **THIS IS NOT A LIFE SAFETY DEVICE**

Double Pole (DP) 20mm dia button with 1no PTM pole for convenience & 1no PTB pole for safety. This is a **NON-LATCHING** meaning Non-Hold-Unlocked exit device. **ONLY USE** with fail safe electric locking. Always fit within 1 metre max distance of the relevant door exit pull/push handle, max height 1 metre AFFL.

Engraved: PUSH TO EXIT (Green) for normal egress.

Engraved: In emergency press and hold exit button while opening door (Red).

**ONLY USE IN CONJUNCTION** with a secondary independent emergency door release system. It is your responsibility to check and ensure your installation complies fully with Building Control regulations ([www.labc.co.uk](http://www.labc.co.uk))



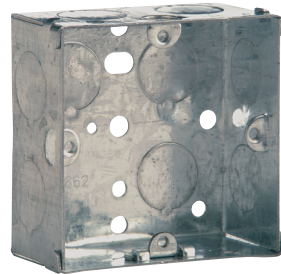
## EX-EP/S Exit button (DP) with yellow ring, illumination and engraving, Surface

Q N° 060-2

Yellow ring 20mm diameter button



EX-EP/S



1G

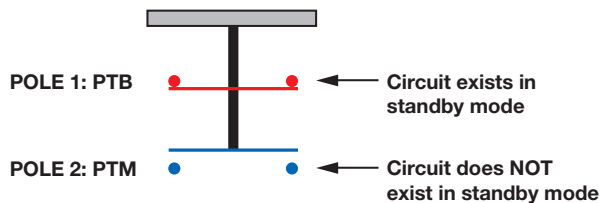
Yellow illumination

**INTERNAL ONLY.**



**MAX 1 METRE DISTANCE AT  
MAX 1 METRE HEIGHT AFFL FROM  
DOOR PULL/PUSH HANDLE.**

### STANDBY MODE

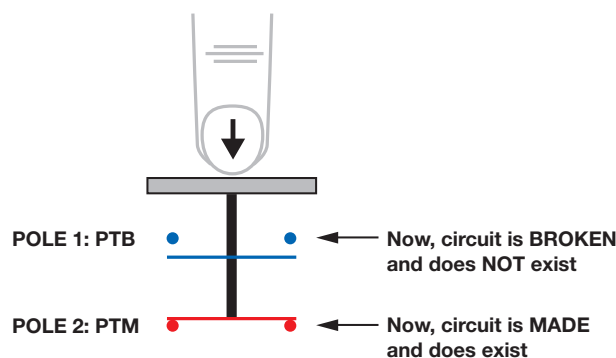


**ALWAYS CHECK THAT BOTH  
POLES HAVE BEEN USED AND  
THAT WHEN THE BUTTON IS  
PUSHED AND HELD DOWN  
THE DOOR STAYS UNLOCKED  
AND DOES NOT RE-LOCK.**

### PTB = PUSH TO BREAK

When the button is pressed the lock cable circuit is broken. No power gets to the FAIL SAFE locking device. The locking FAILS in the safe / unlocked mode so people can get out of the building. Whilst the button is held pressed in the door locking remains in the unlocked mode. The PTB part of the button creates a mechanical break in the lock cabling circuit and is for **SAFETY**.

### PRESS THE BUTTON



### PTM = PUSH TO MAKE

When the button is pressed a signal is sent to the door controller to open the door for a pre-programmed length of time for the comfort of the resident. The PTM part of the button is a **CONVENIENCE** device only.

#### Dimensions code:

- ① EX-EP/S 85mmH x 85mmW x 40mmD button
- ② 1G 75mmH x 75mmW x 53mmD

### **THIS IS NOT A LIFE SAFETY DEVICE**

Double Pole (DP) 20mm dia button with 1no PTM pole for convenience & 1no PTB pole for safety. This is a **NON-LATCHING** meaning Non-Hold-Unlocked exit device. **ONLY USE** with fail safe electric locking. Always fit within 1 metre max distance of the relevant door exit pull/push handle, max height 1 metre AFFL.

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**EX-EP/S Exit button (DP) with yellow ring, illumination and engraving, Surface**

Q N° 060-3

## NHBC Correspondence: Exit Button

**From:** Louis Taylor [mailto:LoTaylor@nhbc.co.uk]  
**Sent:** 30 June 2014 16:51  
**To:** Richard Collis  
**Subject:** RE: urgent question , need guidance ....Cycle stores locking.

Double pole (DP)  
Exit Button only  
is NOT permitted

Dear Richard,

Doors that require you to hold down a button whilst pushing a door would not be permitted as it's a requirement of both Part B (Fire Safety) and Part M (access – for the disabled) that the door is openable without having to manipulate more than one mechanism, using a clenched fist. This is so that persons with limitations with their hands/limbs only have to use one limb to open. If you thus need two hands to operate such devices they would not be permitted and should not thus be used. If you've any other queries regarding the above please feel free to get in touch.

Kind regards  
Louis

Louis Taylor MRICS BEng(Hons) MSc MCABE C.Build E  
**Commercial Building Control Surveyor**  
Direct line: 0114 2864289  
email: [lotaylor@nhbc.co.uk](mailto:lotaylor@nhbc.co.uk)  
NHBC | NHBC House | Davy Avenue | Knowlhill | Milton Keynes | MK5 8FP  
Tel: 0844 633 1000 | Fax 0844 633 0022 | [www.nhbc.co.uk](http://www.nhbc.co.uk)

The Exit Button needs to be of sufficient diameter, or suitable shape to be depressed and released using a **clenched fist**.



**EX-EP Exit button (DP) with yellow ring, illumination and engraving**

Q N° 060-4

**WARNING! A PTM/PTB\* DOUBLE POLE EXIT BUTTON ONLY IS NOT AN ACCEPTABLE REPLACEMENT FOR A GREEN BREAKGLASS.**

Clause 2.17 of Part M (Access) of the Building Regulations, Section J: “the operation of switches, outlets and controls does not require the simultaneous use of both hands, except where this mode of operation is necessary for safety reasons.”

You cannot have a system where the only emergency exiting procedure requires that the person needs to hold in a button, and at the same time pull/push the door because some people (elderly, physically impaired, children etc) will not be capable of doing this.

Also, if the distance from the exit buttons to the door makes this physically impossible (too far apart) to press in the button and push/pull the door simultaneously, the installation is obviously flawed and unsafe for everyone.

The emergency exit button **MUST** when pressed in the normal way ie pressed and immediately released **also latch the door unlocked** for a period of minimum 3 minutes. Each time the emergency exit button is pressed and immediately released it must “hold the door unlocked” for a minimum period of 3 minutes.

\*PTM = Push to make momentary contacts = Convenience feature only.

PTB = Push to break momentary contacts = Safety feature.

**NOT ALLOWED**



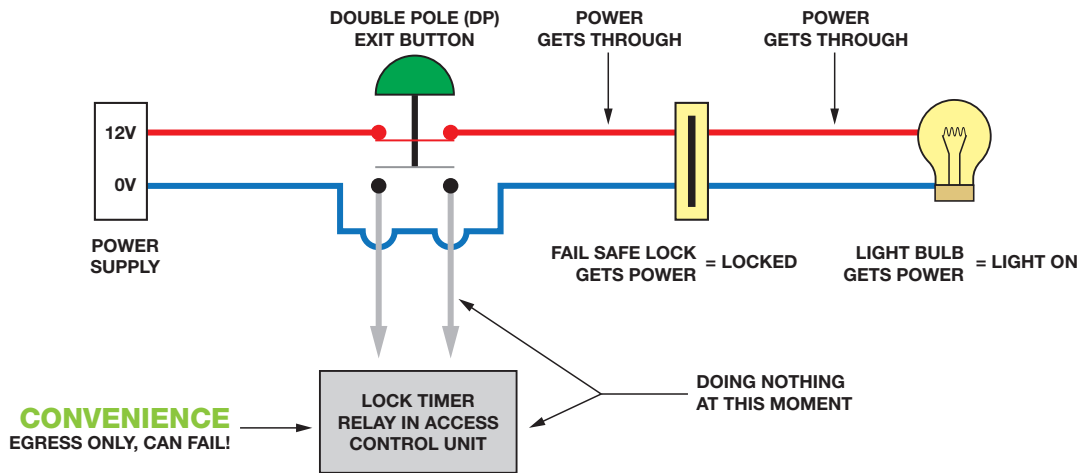
**NOT SAFE IF IT'S ON ITS OWN – NOT BUILDING REGULATIONS COMPLIANT**

**EX-EP Exit button (DP) with yellow ring, illumination and engraving**

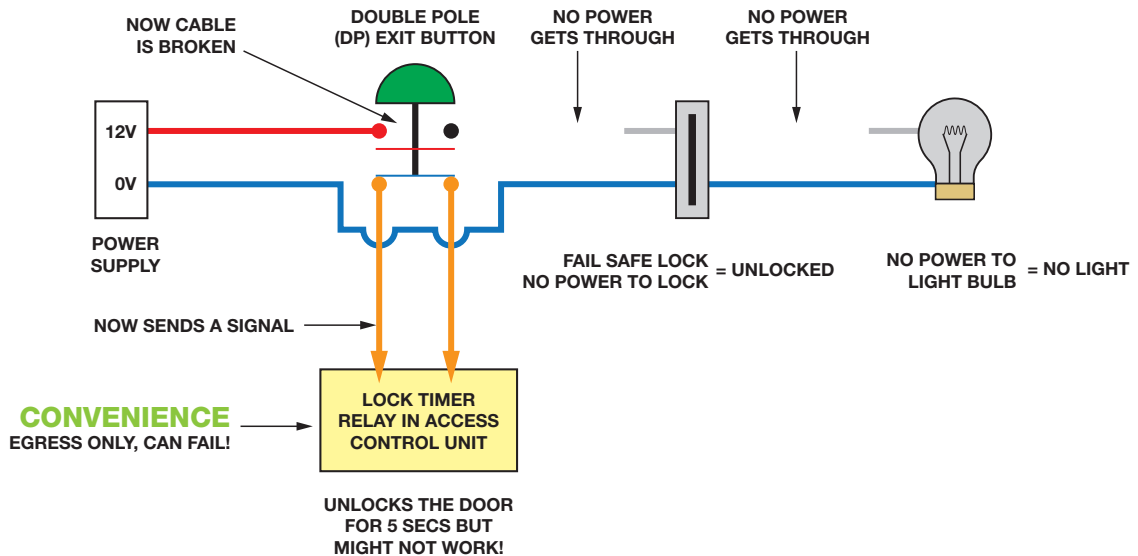
Q N° 060-5

**HOW DOES A DOUBLE POLE (DP) EXIT BUTTON WORK?**

**NORMAL MODE**



**PRESS IN THE BUTTON TO EXIT**



**Are you sure the Exit button fitted is Double Pole?**

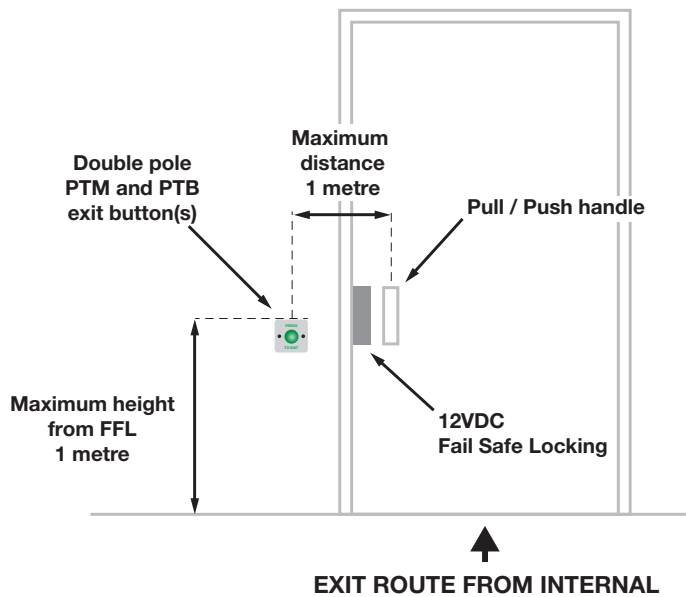
Press the button in and check that the door stays unlocked and does not relock whilst you have your finger on the button.

**EX-EP Exit button (DP) with yellow ring, illumination and engraving**

Q N° 060-6

**IMPORTANT SAFETY WARNING**

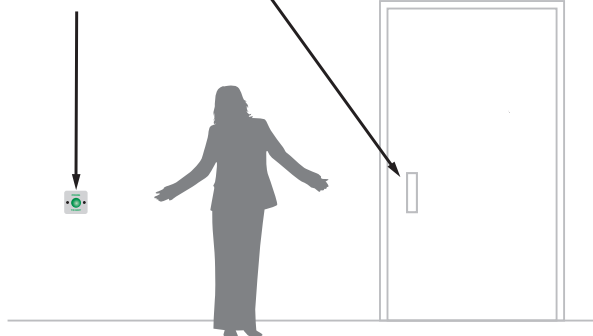
The mechanical Push to Break (PTB) safety features on the exit button **ONLY WORKS** if the door can be pulled / pushed open whilst holding the button pressed in.



**THINK SAFETY,  
THINK FIRE, THINK  
EMERGENCY EXIT.  
LIVES DEPEND  
ON A CORRECT  
INSTALLATION.**

**HEALTH & SAFETY WARNING**

**NOT SAFE !**



If a person cannot reach the exit button **AND** the door handle at the same time, the safety PTB poles of the button are **USELESS**. The installation is unsafe and dangerous.

**REPORT  
NON-COMPLIANT  
INSTALLATIONS  
IMMEDIATELY.  
PEOPLE'S LIVES  
DEPEND ON IT!**

**ALWAYS CHECK THAT WHEN THE EXIT BUTTON IS PUSHED AND HELD DOWN THE DOOR STAYS UNLOCKED AND DOES NOT RE-LOCK.  
ALL INSTALLATIONS MUST COMPLY WITH BUILDING CONTROL REGULATIONS.**



**MAX 1 METRE DISTANCE AT MAX 1 METRE HEIGHT AFFL FROM DOOR PULL/PUSH HANDLE.**

**EX-EP Exit button (DP) with yellow ring, illumination and engraving**

Q N° 060-7

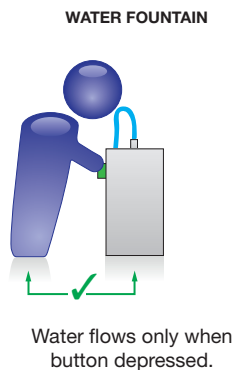
**CORRECT POSITIONING OF EXIT BUTTON IS VITAL**

The PTB (Push to Break) contacts on the button break the lock power circuit but only when the button is pressed in.

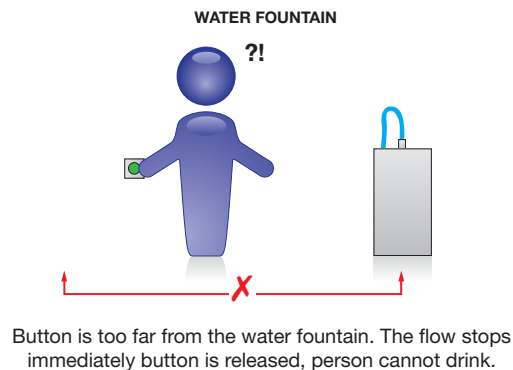
The instant the button is released, the lock is immediately re-powered and the door immediately locks.

If the person cannot both press the button in and push or pull the door open at the same time, the installation is dangerous.

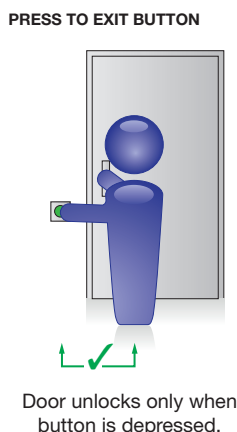
**1A CORRECT**



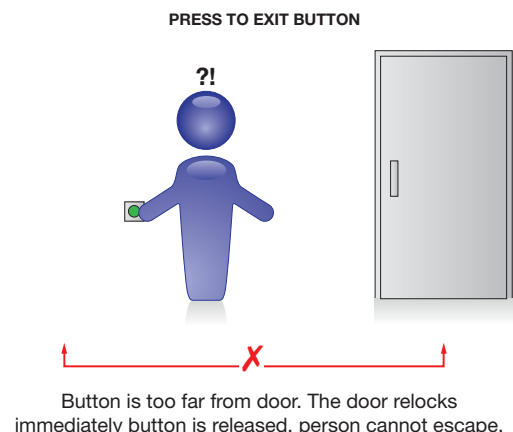
**1B FAULTY & DANGEROUS!**



**2A CORRECT**



**2B FAULTY & DANGEROUS!**



**WARNING:** Must be fitted within 1 metre maximum distance of the door exit pull/push handle at a maximum height of 1 metre from FFL.

Position carefully so that door does not open OVER the exit button(s).