

ACC400-402, ACC410-411 - Quick Start Guide



Door Releases

The ACC400, ACC401 and ACC402s activate the switch when the glass is broken to open a door in an emergency. Range of colours for flexibility and spare glasses are available. These low cost units are supplied with a test key.

The ACC410 and ACC411 are resettable emergency door releases with protective covers.

User Information

- There are no user serviceable parts, opening or attempting to repair the product will void the warranty.
- Do not install or use the device if the wires connected are damaged or have been subjected to water ingress.
- Shut off all power to the access control system before wiring this device.
- Maintain a clean and safe environment at all times.

Definition

NO (Normally Open) - This is a contact which remains open (as default) until activated, during the "active" state the contact provides a closed circuit and starts conducting.

NC (Normally Closed) - Is the opposite of a NO contact. The contact will remain closed (as default) until activated, during the "active" state the circuit breaks and stops current flow.

Setup Examples

Emergency door releases are used in access control systems to provide permanent / semi-permanent switch to either open or close a circuit.

This examples shows a "Fail Secure" and "Fail Safe" scenario. For a "Fail Safe" setup, the break glass or button is activated, power supply then releases power from the lock, and if power is lost then the lock also releases.

Wire in NO or NC depending on the access controller used and also on the required state of the lock during a "Fail-safe" or "Fail-secure" scenario.

Fail Secure (NO)

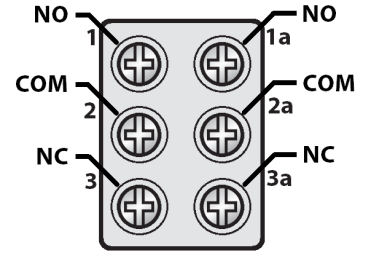


Fail Safe (NC)



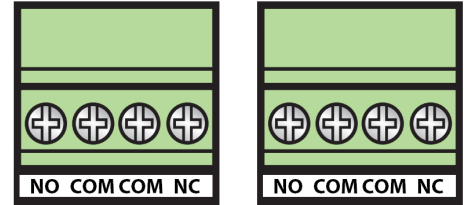
Connections - ACC400-402, ACC410-411

For operation with a door access control panel or a magnetic lock, the exit button is wired with NC or NO and COM.



Connections - ACC410-411

For operation with a door access control panel or a magnetic lock, the exit button is wired with NC or NO and COM.



Troubleshooting

If the door release is not activating the lock then there is likely a shorted wire, open circuit or some other failed device in the circuit.

To identify where the fault is, each wired connection in the circuit needs to be tested; working from the door release progress through, including the power supply and the magnetic lock.

If the fault is with the door release then check the connection wires for continuity and for trapped wires. Check for water ingress on the wired connections. Check the polarity in the power connections and ensure the connections are connected to the proper terminals.

Specification

	ACC400/1/2	ACC410	ACC411
Construction	Fireproof PVC		
Design	English Text	English Text	International Exit
Switch	Single Pole Double Throw (SPDT)		
Rating	3A 30V DC Max		
Terminals	NO / NC / Common		
Dimensions	86x86x52mm	86 x 86 x 61mm	86 x 86 x 61mm

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