



Special Purpose Control Units

Product Overview:

Pertronic Industries manufacture a range of optional control units for the Pertronic Analogue Addressable Fire Alarm Control Panels. These control units are normally mounted on one of the panel's rack-mounted front plates, accessible by opening the front door.

Consult your nearest Pertronic Industries branch or representative office to confirm the requirements for a specific project.

Solenoid Test Controller:

The **Solenoid Test Controller SOLTESTCON-10K** is used to manually activate water-flow valve solenoids. The unit has eight momentary push-button switches, which interface with the Fire Alarm Control Panel via a Pertronic **Loop Responder**.

Each momentary push-button switch may be mapped (in the panel configuration) to one output of an analogue addressable module or Pertronic **Loop Relay**.

In either case, each output is usually wired to a solenoid-operated valve.



Zone Isolate Switch Unit:

The **Zone Isolate Switch F100ZIS** allows individual Fire Zones to be isolated. The unit has eight two-position toggle switches, which interface with the Fire Alarm Control Panel via a Pertronic **Loop Responder**.

Functions: 8 x Two Position Toggle switches:

- » NORMAL - Zone Normal
- » ISOLATE - Zone Isolated



Generic Control Units:

Generic Control Toggle Switch (GENCONSU)

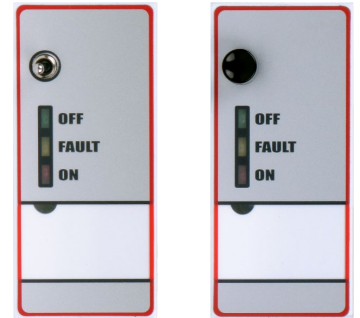
Generic Control Push-Button Switch (GENCONPBSU)

These switch units are used with Pertronic Analogue Addressable Fire Alarm Control Panels.

Each unit has three indicating LEDs that monitor feedback from the controlled output, and display the output status.

Each unit has a transparent label holder.

The units interface with the panel via an analogue addressable loop connection. Their function is defined in configuration of the Fire Alarm Control Panel. Refer to the Fire Alarm Control Panel Technical Manual for information on configuring these units. (They are configured as device type SW3).



Functions: Three position toggle switch (GENCONSU):

- » UP Unlabelled
- » CENTRE Unlabelled
- » DOWN Unlabelled

Momentary pushbutton switch (GENCONPBSU):

- » PUSH to operate Unlabelled

Indicator LEDs:

- » OFF Indicates the Monitored Output is OFF
- » FAULT Indicates the Monitored Output is in Fault state
- » ON Indicates the Monitored Output is ON

Ordering Information:

Product Code	Description
F100ZIS-10K	F100/F120 Zone Isolate Switches x 8, 10K EOL Resistors (needs AALR-MFA)
F100ZIS-47K	F100/F120 Zone Isolate Switches x 8, 47K EOL Resistors (needs AALR-MFA)
GENCONPBSU	Generic Controller Pushbutton Switch Unit
GENCONSU	Generic Controller Switch Unit Module
SOLTESTCON-10K	Solenoid Test Controller – 10K EOL
AALREL	AA Loop Relay – 4 Relay
AALR-MFA	AA Loop Responder Board, 8 I/P, Multifunction+RIy O/P, (Aus)

0000 Special Purpose Control Iss 1.1 20190319