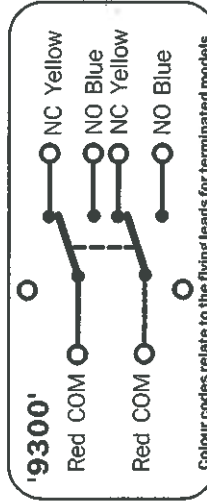
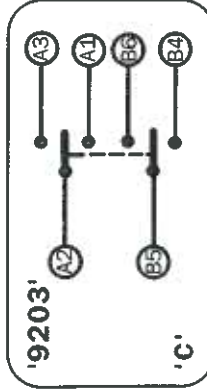
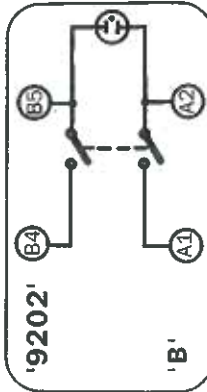
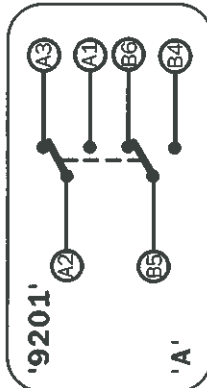
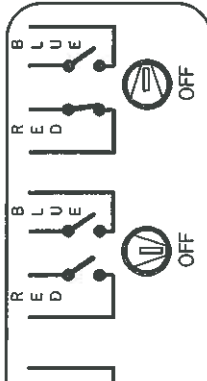
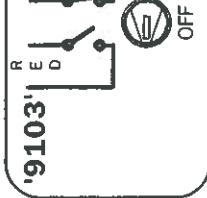
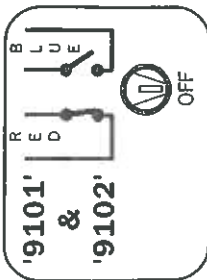


Xens-80F keyswitch



STANDARD 9100 TYPE OPTIONS (KEY SWITCH)

9101 - 2 position, key removable in both positions
9102 - 2 position, key retained in one position
9103 - 3 position, key removable in all positions

ELECTRICAL DATA

All 9100 type Call Points have silver switch contacts with 5 milliohm contact resistance.
Maximum Voltage: 250Vac 50Hz
Resistive load: 10A at 12Vdc / 2A at 250Vac
Inductive load: 3.6A at 12Vdc
Termination cables limit current to 6A max.
Operating Temperature range: -20°C to +55°C

Switch type

TOK P23F rotary key switch with 5 disc tumbler lock, type S425 (BURGESS TOK SWITCH)

CABLE TERMINATION

All 9100 type call points are supplied with lengths of 120mm x 32/0.2mm cable soldered to each switch terminal. It is intended that the installer fits a suitable terminal block to these cables.
Contact arrangement 9101 and 9102 types: One pair of contacts normally open, one pair of contacts normally closed. Operation of switch transfers contacts. (See illustration *9101, 9102*)
Contact arrangement 9103 types: Both pairs of contacts open in centre position. One pair closed in each of the other two positions. (See illustration *9103*)

STANDARD 9200 TYPE OPTIONS (ROCKER SWITCH)

9201 - Double pole changeover
9202 - Double pole single throw, red neon indicator.
9203 - Double pole changeover with centre off.

ELECTRICAL DATA

All 9200 type Call Points have silver switch contacts.
Maximum Voltage: 250Vac 50Hz
Resistive load: 16A at 250Vac
Inductive load: 6A at 250Vac
Operating Temperature range: -20°C to +70°C

Switch type

The 2600 Rocker Switch series, manufactured by APEM COMPONENTS.

CABLE TERMINATION

It is intended that the installer connects cables to the switch by using the screw/clamp type terminals provided.
Diagram 'A' shows the contact arrangement for 9201 double pole changeover type switch.
Diagram 'B' shows the contact arrangement for 9202 double pole single throw, red neon indicator.
Diagram 'C' shows the contact pole changeover with centre off.

STANDARD 9300 TYPE OPTIONS (PUSH BUTTON)

Non-terminated
Type 9301 Momentary action
Type 9303, Latching
Terminated

Switch type

Type 9302, Momentary action
Type 9304, Latching
ELECTRICAL DATA
All 9300 type Call Points have gold clad silver switch contacts with 50 milliohm maximum contact resistance.
Maximum voltage: 250Vac 50Hz
Resistive load: 0.5A at 220Vac
1A at 110Vac
1A at 24Vdc

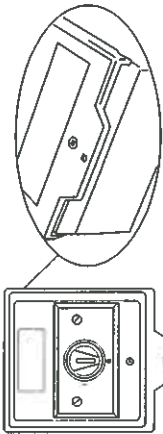
Operating temperature range:

-25°C to +55°C

Switch type

IDEC 'A' series miniature push button.
CABLE TERMINATION
It is intended that the installer connects cables to the Call Point by soldering directly to the 2.8mm x 0.5mm connection tags on the rear of the switch. Alternatively types 9302/9304 are provided with 16/0.2mm x 120mm flying leads. Contacts are shown in the circuit diagram above where they:
Button not depressed for Momentary type.
Button out for Latching type.

Colour codes relate to the flying leads for terminated models



D

TYPE 9401

(PUSH BUTTON)

9401 - Momentary action, single pole change-over.

ELECTRICAL DATA

9401 type Call Point has silver switch contacts with 50 milliohm contact resistance.

Maximum Voltage: 250 Vac 50Hz

Resistive load: 8A at 250Vac

or 30Vdc

Termination cables limit current to 6A max.

Operating Temperature range: -25°C to +70°C

Switch type

OTHELL ZERO PLUS type shrouded push switch.

CABLE TERMINATION

All 9400 type Call Points are supplied with lengths of 100mm x 32/0.2mm cable soldered to each switch terminal. It is intended that the installer fits a suitable terminal block to these cables. Diagram shows switch with **push-button** not depressed.

METHODS OF MOUNTING

Flush installations:

Call point only fits directly to a U.K. switch/socket box. A minimum box depth of 35mm is recommended.

Surface installation:

There is a choice of plastic or metal surface mounting boxes.

Plastic Box-as-SR:

The pack box has a tear off template for locating cable entry holes. See illustration 'A' below.

Metal box-as-MR:

Cable access holes suitable for 20mm diameter cable glands or conduit.

Continuity Link KLI - illustration 'B':

For 20mm terminations.

CLASS 9000 ACCESSORIES

Hinged Cover - illustration 'D'

A transparent polycarbonate hinged cover can provide protection from accidental operation.

Spacer piece M141 - illustration 'C'

Snaps fits to the front of Box SR adding 10mm to its usable depth.

SPECIAL APPLICATION MODELS

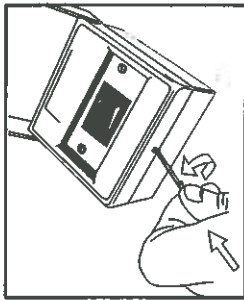
in White, Yellow, Blue, Green.

All of the Class 9000 range can be supplied in all configurations to special order.

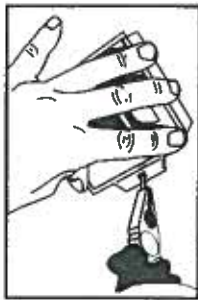
CLASS 9000 HINGED COVER SEAL



Fitting cover seal to a class 9000 call point.



1. Insert the cover seal into the call point housing as shown. Rotate the seal through 90° ensuring that the tooth is facing towards you.

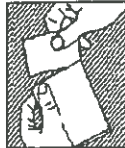


2. Feed the other end of the seal through the hole located in the bottom of the hinged cover. Using pliers carefully pull the seal taut and press the hinged cover back to engage the tooth.



3. Using wire cutter trim the excess from the breakable seal ensuring the tooth remains to hold the hinged cover in position.

A



B



C

