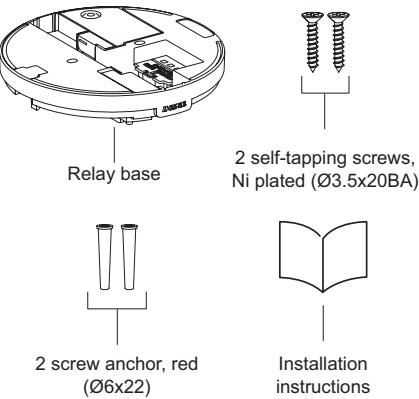


755RB5
Alarm Accessory, Relay Base, 220-240V a.c.

Scan the QR code to view the installation instructions online



Package Content



Alarm Accessory, Relay Base, 220-240V a.c.

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- This product must be installed and serviced by appropriately qualified and/or licenced electrical personnel.
- After installation this product must not be modified in any way.
- Isolate the electrical supply before doing any work on this product.
- Ensure that the product has been correctly installed and tested for safe operation before re-energising the electrical supply.

Failure to follow these instructions will result in death or serious injury.

NOTICE

EQUIPMENT INSTALLATION HAZARD

- Always operate the product in compliance with the specified technical data.
- Keep the installation instruction for the life of the product.

Failure to follow these instructions can result in equipment damage.

Compatibility

This relay base is compatible with the following Clipsal Smoke alarms and Heat alarm:

- 755RLPSMA2
- 755RLPSMA4
- 755PSMA2
- 755PSMA4
- 755WSA
- 755HA5L
- 755PSMA5
- 755PSMA5L

NOTICE

EQUIPMENT INSTALLATION HAZARD

The relay base is not compatible with third party products or systems such as fire panels.

Failure to follow these instructions can result in equipment damage.

Installing the relay base

Note: The smoke alarm must be installed in accordance with the National Construction Code and any local state legislation requirements.

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK

- Make sure that the terminal connection area does not come in contact with the metallic parts of any device installed in the same location.
- Isolate the mains power supply before installing the device.

Failure to follow these instructions will result in death or serious injury.

⚠ WARNING

INCORRECT WIRING HAZARD

- All interconnected smoke alarms must be supplied from the same circuit.
- A common Neutral must be used for the Interconnect to operate.
- Max 40 smoke alarms can be interconnected.
- DO NOT use non-pure sinusoidal power sources (e.g. power derived from square-wave invertors).

Failure to follow these instructions can result in death, serious injury or equipment damage.

- Tip:** The relay base provides optional connection for remote test/hush buttons (dry contact momentary remote switches).
1. Use a screwdriver to open the terminal cover, then connect the wires to the electrical terminals as shown in the wiring diagram.
 2. Connect the auxiliary devices to the relay terminals. (**Optional:** Remove the cut-out from the base for proper wire trunking.)
 3. Connect remote buttons as either separate Test and Hush buttons, or as single Test/Hush button.
 4. Secure the relay base on the wall or ceiling.
 5. Clip the smoke alarm or a heat alarm onto the relay base.
 6. Gently press the device to ensure that it locks into the relay base.
- Note:** After installation, turn on the power supply. The green LED indicates that the smoke alarm or heat alarm is powered by the mains power.

Global/Local Relay Setting

The 755 series devices have a **Global/Local switch** for use with 755RB5 relay base only.

When the alarm is triggered by heat or smoke, the relay on the relay base will operate according to the description in **Global/Local Relay** setting both when mains or backup battery power is applied.

Switch in Local Mode

When the Global/Local switch is set to Local, the relay will not activate and trigger alarms anywhere in the interconnected network.

However, if the alarm mounted directly on the base and detects smoke or heat, the relay will still operate, regardless of the switch position.

Switch in Global Mode

When the Global/Local switch is set to Global, the relay will activate if any interconnected alarm in the system detects smoke or heat.

Testing the devices

⚠ WARNING

DO NOT USE OPEN FLAME

Do not use an open flame of any type to test a device.

Failure to follow these instructions can result in death, serious injury or equipment damage.

Testing a smoke alarm:

Press and hold either the Remote Test button or the Test/Hush button on the device and release within 3 seconds. The device should sound an alarm.

Testing wired smoke alarms:

Press and hold either the Remote Test button or the Test/Hush button on the device for more than 15 seconds. The wired devices should sound an alarm.

Hush function during Smoke

During a smoke or heat detection, to hush a smoke alarm or a heat alarm, identify the device which has triggered by the blinking red LED (device will not silence if it does not have a blinking red LED). Short press the Test/Hush button on the device or the remote hush button. All devices that are interconnected will also fall silent.

If multiple interconnected alarms have detected smoke and are flashing red LEDs, then press the Remote Hush button or the Test/Hush button on each alarm to silence them.

IMPORTANT: After pressing the Test/Hush button, the device enters hush mode. Wait 10 minutes before performing additional tests to avoid abnormal responses. During this period the devices will be insensitive for a few minutes.

Technical data

Power Supply	220-240 a.c., 50 Hz
Operating Current	Max. 1.3 mA @ 9 V d.c. Max. 120 mA @ 9 V d.c. for relay closing or releasing operation up to 20ms duration each
Application Area	Indoor use only
Storage Temperature	-20 °C to 65 °C
Operating Temperature	0 °C to 45 °C
Storage Humidity	0% to 90%, non - condensing
Ambient Humidity	9% to 90%
Relay Load Rating	2 A @ 220-240 V a.c.
Relay Contacts	NO/COM/NC voltage free contacts
Remote Input	Dry contact momentary switch (for Remote Test/Hush function)
Cable Interconnection	Max. 40 devices up to 150 m
Terminal Provisions	Active, Neutral, Earth/Loop and Interconnect terminals, each accommodates max. 2 × 1.5 mm² or 1 × 2.5 mm² Remote test/hush buttons and relay terminals, each accommodates max. 1 × 2.5 mm²
Mounting Type	Mounting on ceiling and wall only
Dimensions	Ø 140 × 30 mm
Standard	AS 3786:2023 AS 1603.3 AS/NZS 3100
Certification	RCM Activfire



We warrant this product for 10 years. For more information, contact customer care center.

Schneider Electric (Australia) Pty Ltd
33-37 Port Wakefield Road, Gepps Cross SA 5094
Customer Care: 13 73 28
Email: customercare.au@schneider-electric.com
www.schneider-electric.com.au

Schneider Electric (NZ) Ltd
Level 2, Building 6, 64 Highbrook Drive,
East Tamaki, Auckland 2013, New Zealand
Customer Care: 0800 741 303
Email: sales@nz.schneider-electric.com
www.schneider-electric.com

Installing the relay base

Electrical terminals:
A: Active/Line
E/Loop: Earth or Loop
N: Neutral
I-Connect: Interconnect

Relay terminals:
NO: Normally Open
COM: Common
NC: Normally Closed

Remote Test/Hush terminals:
T: Test
H: Hush
C: Common

Max. 40 devices

Max. wiring length: 150 m

Max. wiring length to Remote Test/Hush switch is 20 m.

Setup for Test and Hush separately

Setup for Test / Hush together

Cut-out

Global/Local Relay Setting

Local/Global switch

Relay Operation during smoke/heat detection