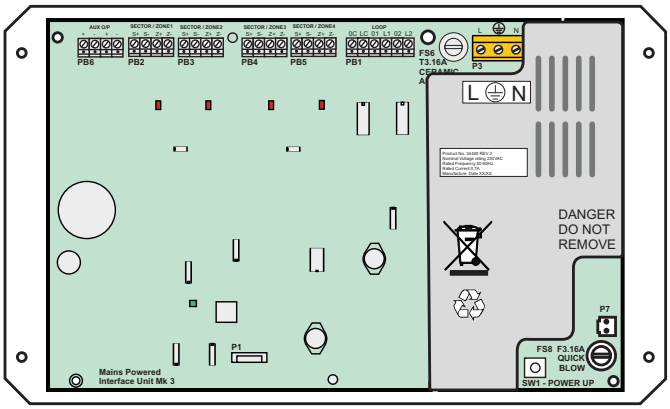
Installation

Replacement Interface Board

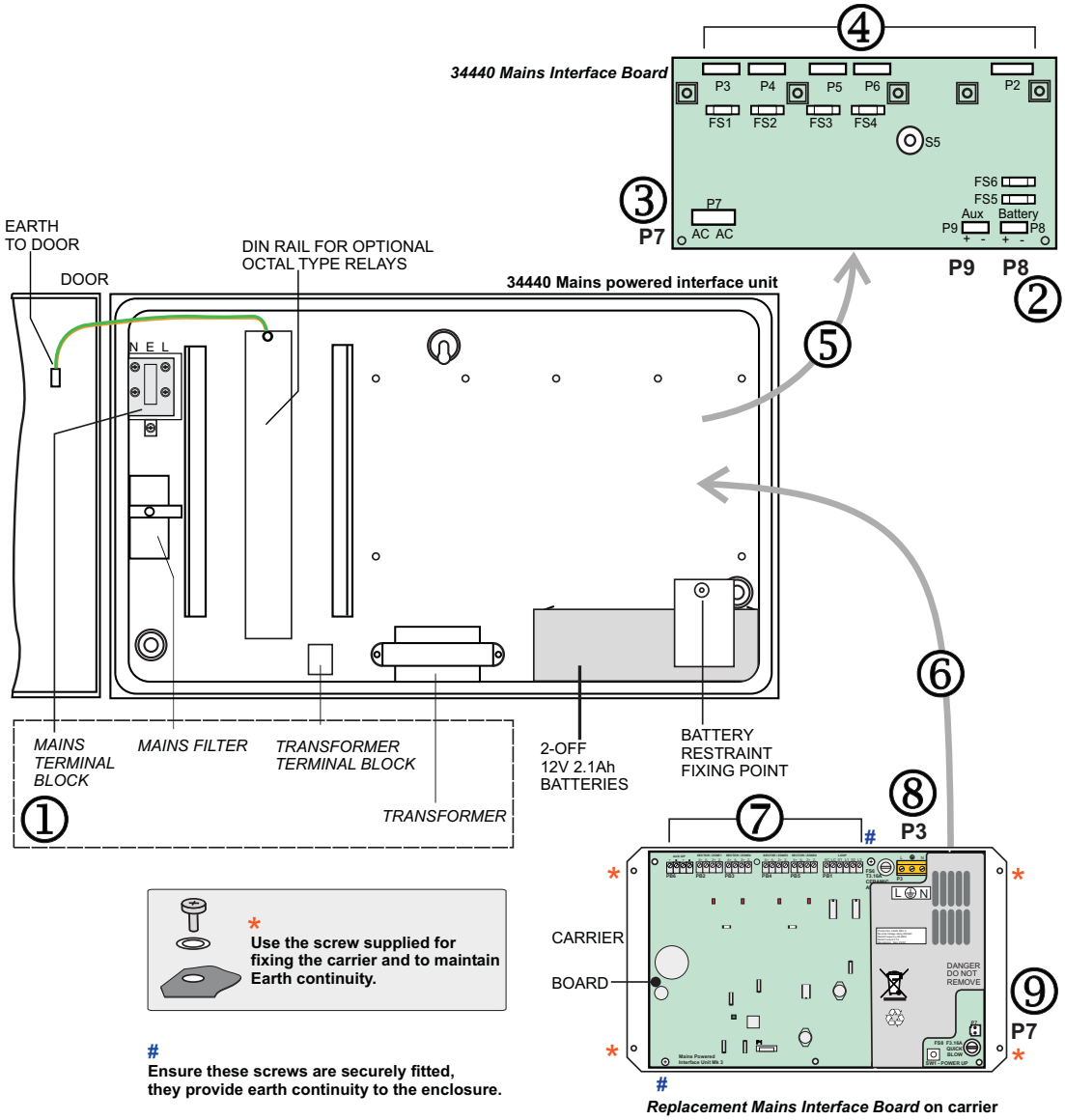
(VSINTM-PCB-UPG) for 34440 Interface

GENT by Honeywell

These instructions cover the installation of a *Replacement Mains Interface Board* on a carrier (VSINTM-PCB-UPG) into a legacy 34440 Mains powered interface unit.



	Spare Parts	Qty
	Fuse 3.15A AS Ceramic (20mm x 5mm)	1
	Fuse 3.15A QB Glass (20mm x 5mm)	1
	Resistor 5.6K 0.6W	4
	Resistor 470R 0.6W	8
	Resistor 10K 0.5W	4
	Battery Link	1
	Battery Lead	1
	Capacitor 22uF 35V	4
	Screw (for fixing the carrier)	4
	Instructions	1

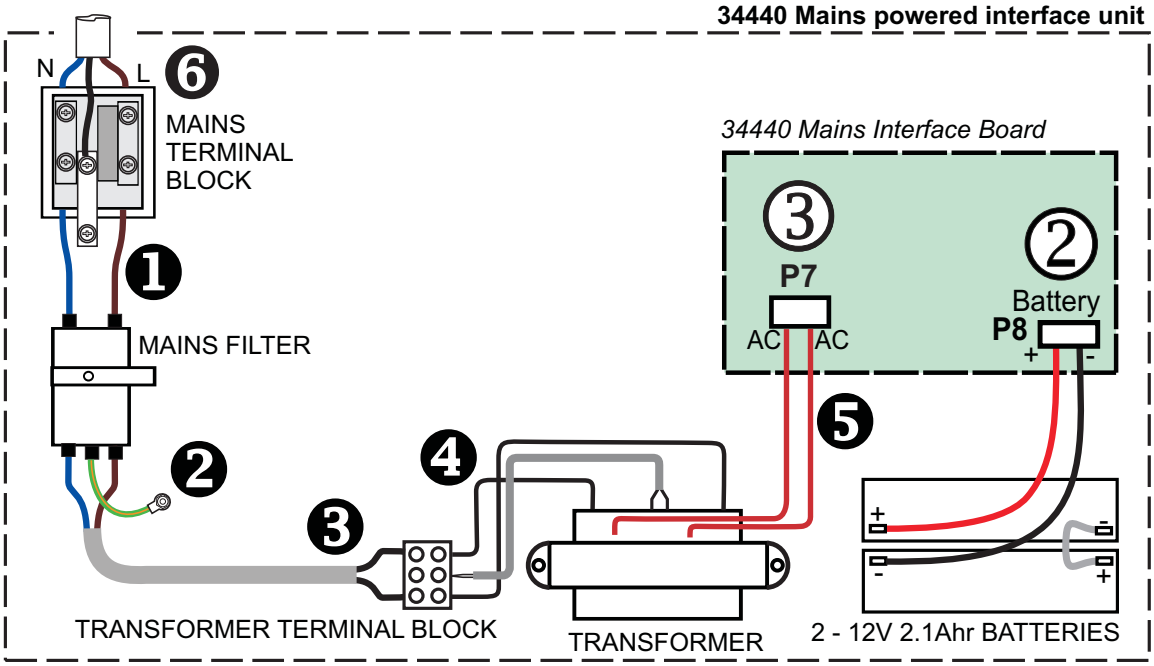


Replacement Mains Interface Board on carrier

Removal

a. Use the **[Test/Eng]** menu at the control panel and **[Stop]** the loop circuit on which the 34440 Mains powered interface unit reside.

Before removal of the *34440 Mains Interface Board* from the 34440 Mains powered interface unit, first completely isolate the mains supply to the unit. Disconnect the wired connection to the Batteries and then disconnect the battery lead from terminal P8 ② on the *Board*.



b. Now disconnect all the wires ❶❷❸❹❺ and ❻ between the MAINS TERMINAL BLOCK and AC terminals P7 ③ on the *34440 Mains interface board*. Remove the MAINS TERMINAL BLOCK, MAINS FILTER, TRANSFORMER TERMINAL BLOCK and the TRANSFORMER ① from the enclosure and discard them safely.

c. Mark all the other external wires before disconnecting them from their terminal blocks ④, this will help identify the cables for reconnection to the *Replacement Mains Interface Board*.

d. Remove *34440 Mains Interface Board* from the unit ⑤ and discard it safely.

Programming

The *Replacement Mains Interface Board* is factory configured with all four channels as 'Sector' outputs.

Use the S4 Interface Programmer kit (S4-INTERFACE-PROG) V1.03 or greater and configure the required 'Zone' inputs and 'Sector' outputs on the *Replacement Interface Board,* in order to simulate the legacy *34440 Mains Interface Board*, see instructions supplied with the S4 Interface Programmer kit.

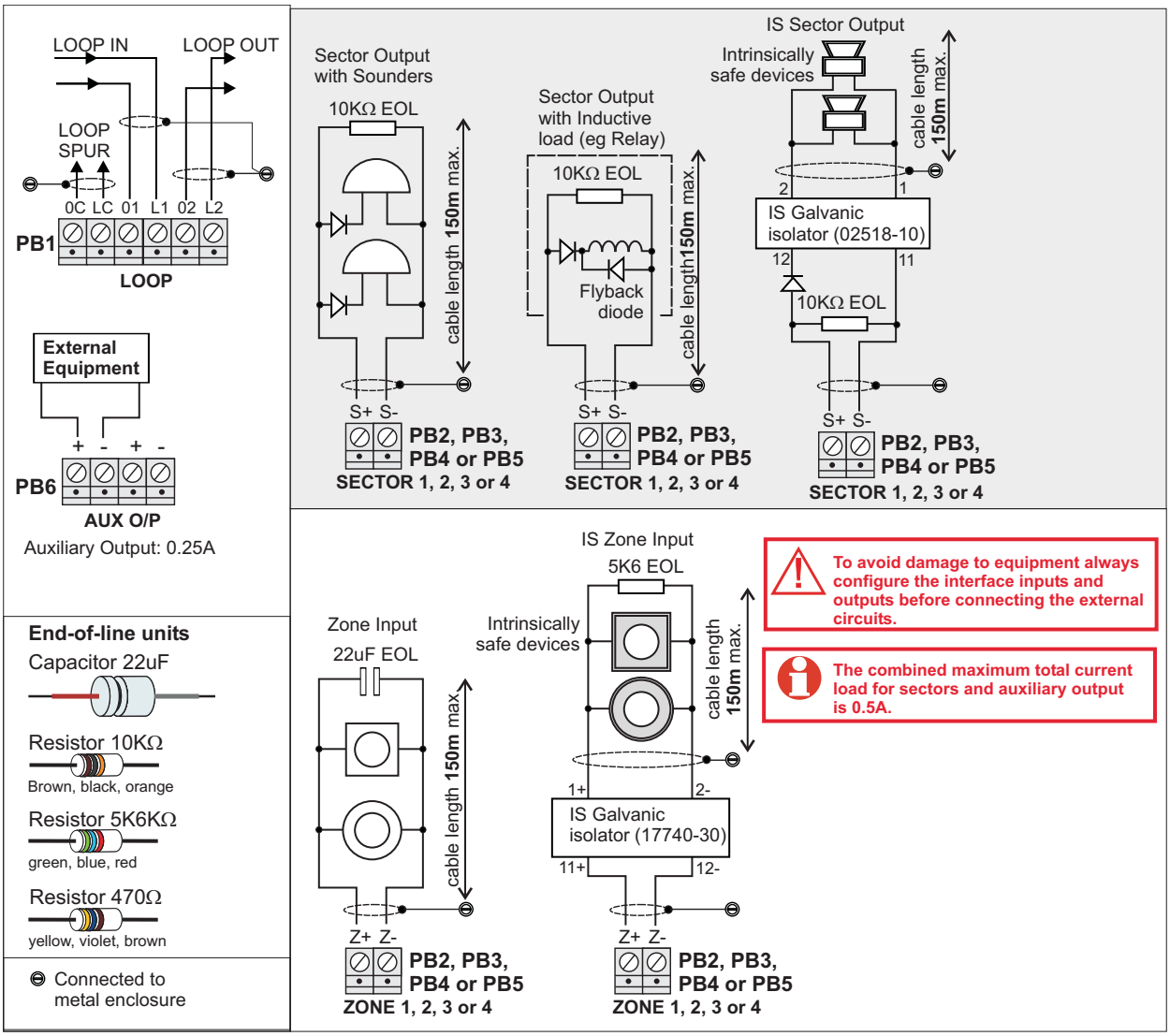
Replacement

a. The external mains cable should be rewired so that it enters the enclosure above the Mains terminal block on the *Replacement Mains Interface Board*, this ensures there is segregation between mains and extra low voltage cables. Also, each unused cable entry point must be fitted with a plastic bung.

b. Fit the *Replacement Mains Interface Board* on a carrier into the enclosure ⑥ using the screws supplied.

Ensure the board fixing screws are securely fitted as they form part of an earth continuity path to the metal enclosure, this is necessary for electrical safety and for EMC compliance.

c. Reconnect the external wiring to the terminal blocks ⑦ and ⑧ on the *Replacement Mains Interface Board*.



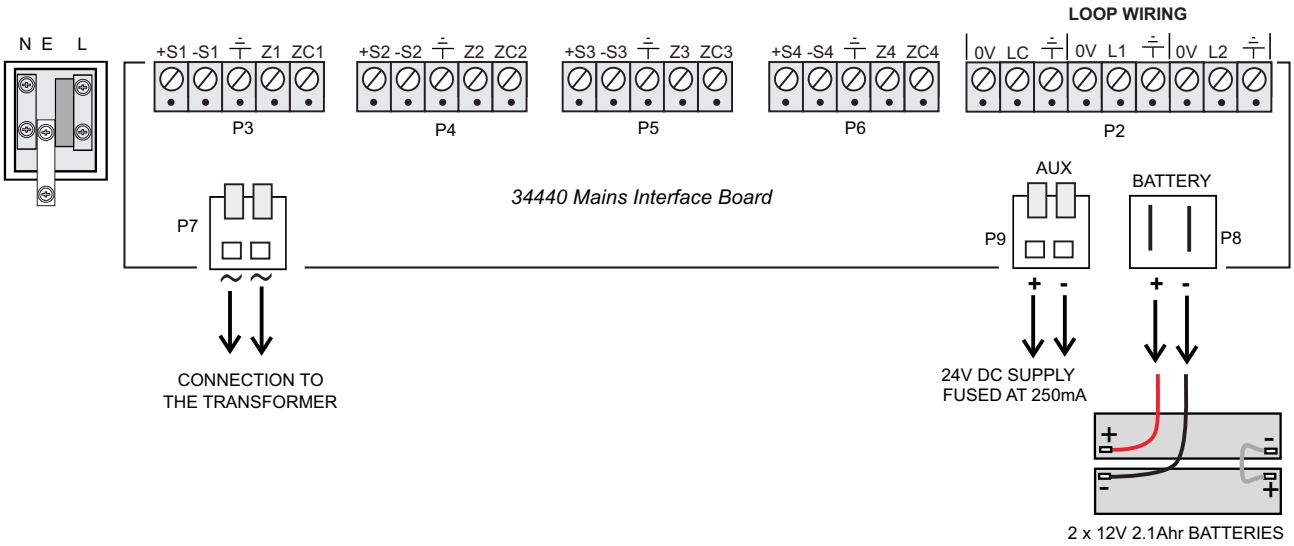
d. Check and ensure the correct End Of Line units are fitted for the respective Zone and Sector circuits.

e. Switch ON the mains supply to the Unit and then connect the battery lead to the batteries and to connector P7 on the *Replacement Mains Interface Board*.

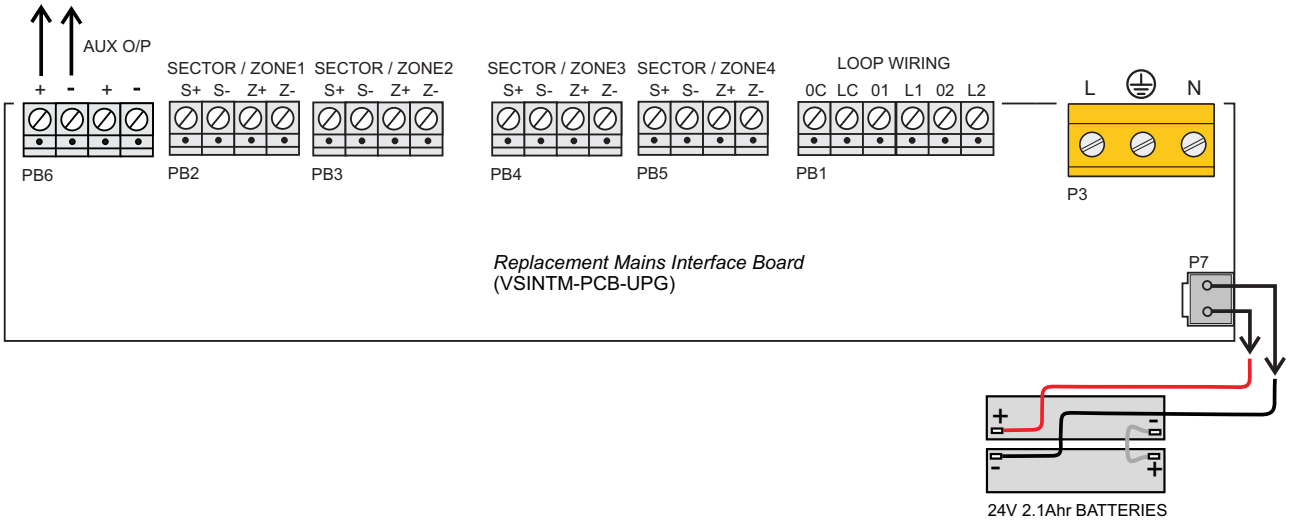
f. Using the **[Test/Eng]** menu at the control panel **[Allocate]** the loop circuit, on which the Interface unit is connected. The interface unit should then be tested to site specific requirements.

g. Close the enclosure door and lock it using the key.

Terminals on a *34440 Mains Interface Board*



Terminals on a *Replacement Mains Interface Board* (VSINTM-PCB-UPG)



At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre and in accordance with national or local legislation.

WEEE Directive:
At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre.
Do not dispose of with your normal household waste. Do not burn.

Gent by Honeywell reserves the right to revise this publication from time to time and make changes to the content hereof without obligation to notify any person of such revisions of changes.

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