



NOTIFIER[®]
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**IFS-2400/IFS-2600 8 zone expansion (IFS-804)
Product Installation Document**

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DOC-03-012 ECN11-0015

1. Product Overview

The IFS-804 Zone Expansion board is used to expand IFS-2600 panel to accommodate more zones. Each board has eight zones and a maximum of seven boards can be used in these panels (depending on the space) to place them in fully expanded state. For every two IFS-804 Zone expansion boards, one 16-Zone display board is used.

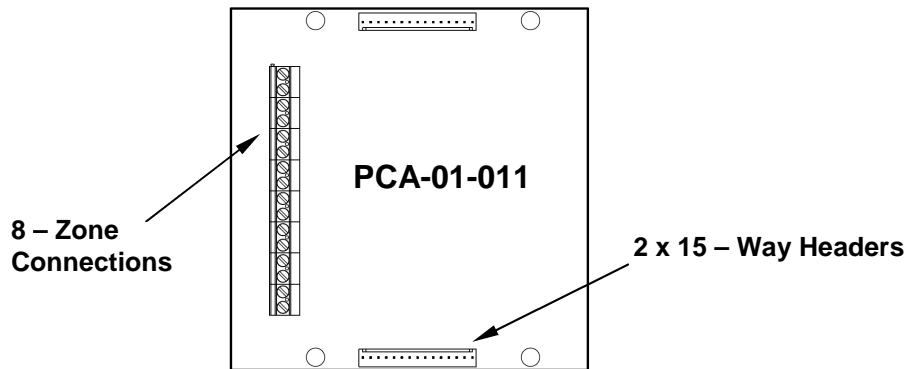


Figure 1, IFS-804 Zone Expansion Board

2. Installation



WARNING: Installation should be performed by competent persons in accordance with the relevant standards as required for the installation. Honeywell Ltd accepts absolutely no liability for the suitability, settings or connections performed within an installation.

For Older Panels (IFS-2624/18U/28U/40U)

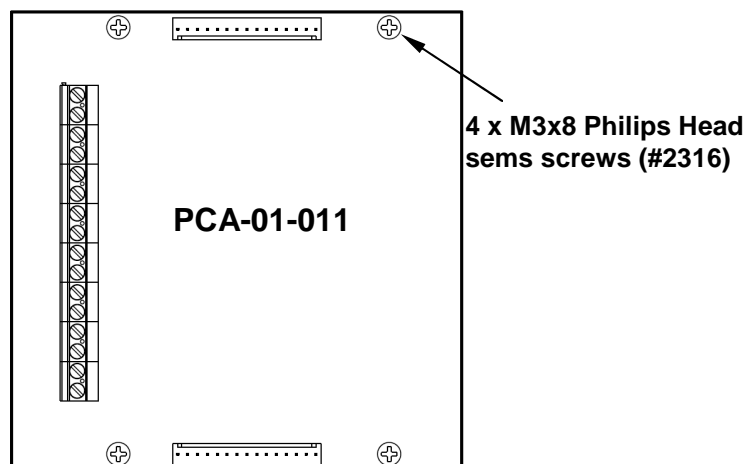


Figure 2, IFS-804 Zone Expansion board secured with screws

1. Make sure the panel power is switched off both by switching off the PSU and unplugging the battery cables.
2. Remove the 15-way header cable from the IFS-804 Zone expansion board.

3. Unscrew the four M3 x 8 Philips Head sems screws (#2316) from the existing IFS-804 Zone expansion board and remove the board from the standoffs.
4. Place the new IFS-804 Zone expansion board (Supplied with the kit) onto the standoff's and secure it using four M3 x 8 Philips Head sems screws (#2316), as shown in Figure-2.
5. Connect back the unplugged 15-way header cable to the IFS-804 Zone expansion board.
6. Power up the panel by switching on the PSU and connecting back the battery cables.

For CAB650/900 IFS-2600 Panel

IFS-804 Zone expansion board mounted on a CHS-adapter and secured using four M3x8 Philips Head sems screws is supplied with the Kit (ASY-01-007) for this panel.

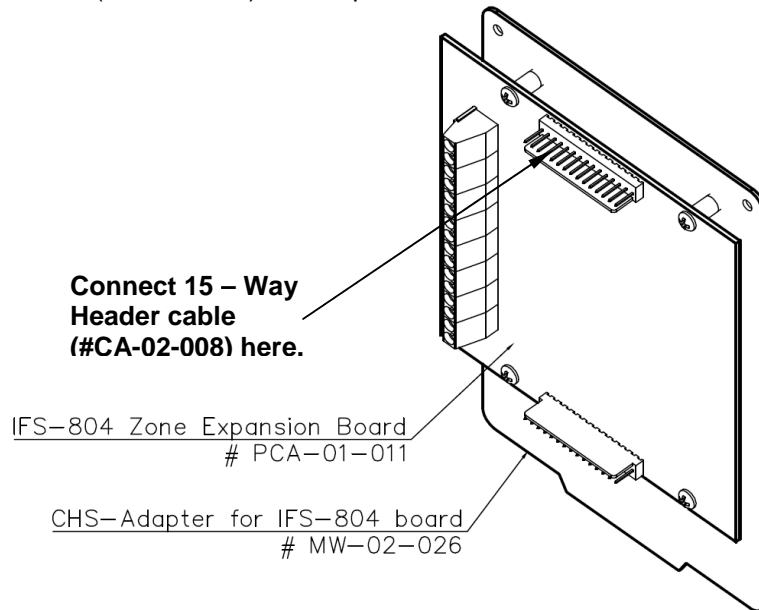


Figure 3, IFS-804 Zone Expansion Board supplied with the Kit

1. Make sure the panel power is switched off both by switching off the PSU and unplugging the battery cables.
2. Attach two $\frac{3}{4}$ " 4-40 standoffs (#GEN-01-002) to the CHS-3L chassis as shown in Figure-3 and two $\frac{1}{4}$ " #4-40 screws as per Figure-4.

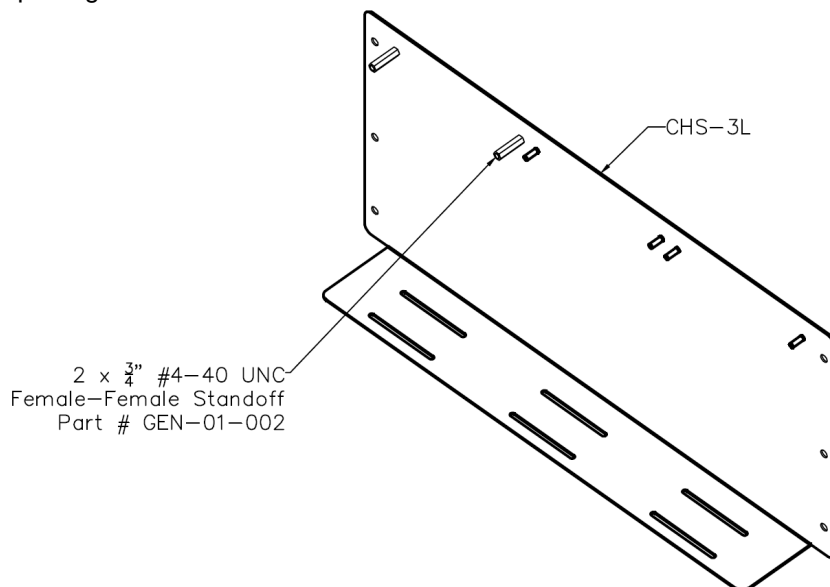


Figure 4, Standoffs attached to CHS-3L chassis

- Attach the supplied IFS-804 Zone expansion board to the standoffs and secure it using two ¼" #4-40 screws (#GEN-01-001) as shown in Figure-5.

2 x ¼" #4-40 UNC
Phillips Head Screw
Part # GEN-01-001

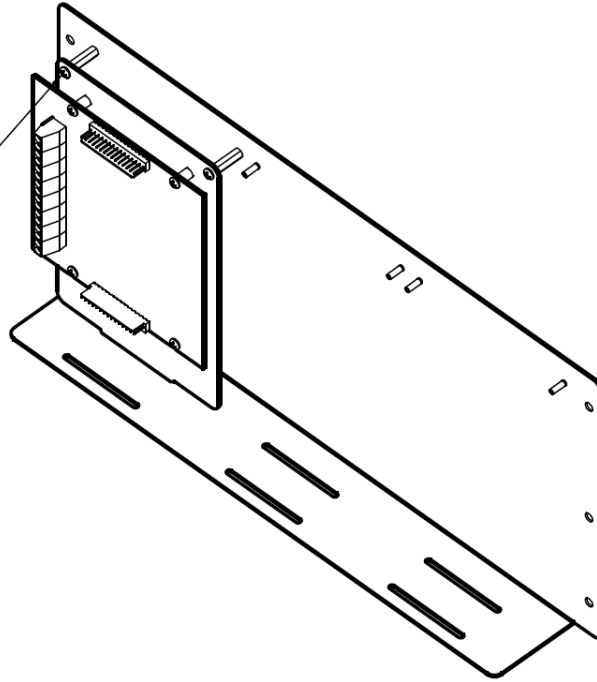


Figure 5, IFS-804 Board Mounted to CHS-3L chassis

- Connect the 15-way header cable (#CA-02-008) to the IFS-804 Zone expansion board (#PCA-01-011).
- Place the Jumper in link position for appropriate zones to which the Zone expansion board implies as shown in Figure-6.

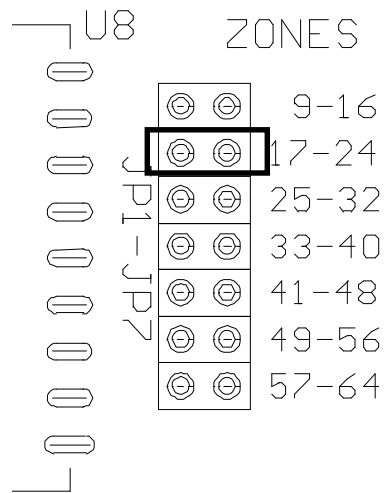
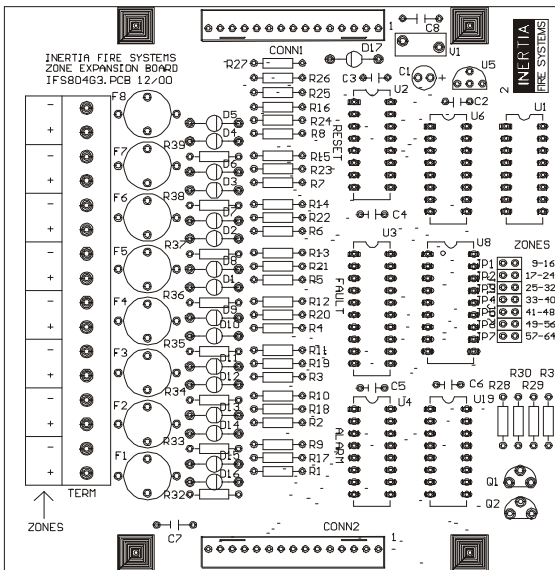


Figure 6, Jumper in Link position for Zones

- Power up the panel by switching on the PSU and connecting back the battery cables.

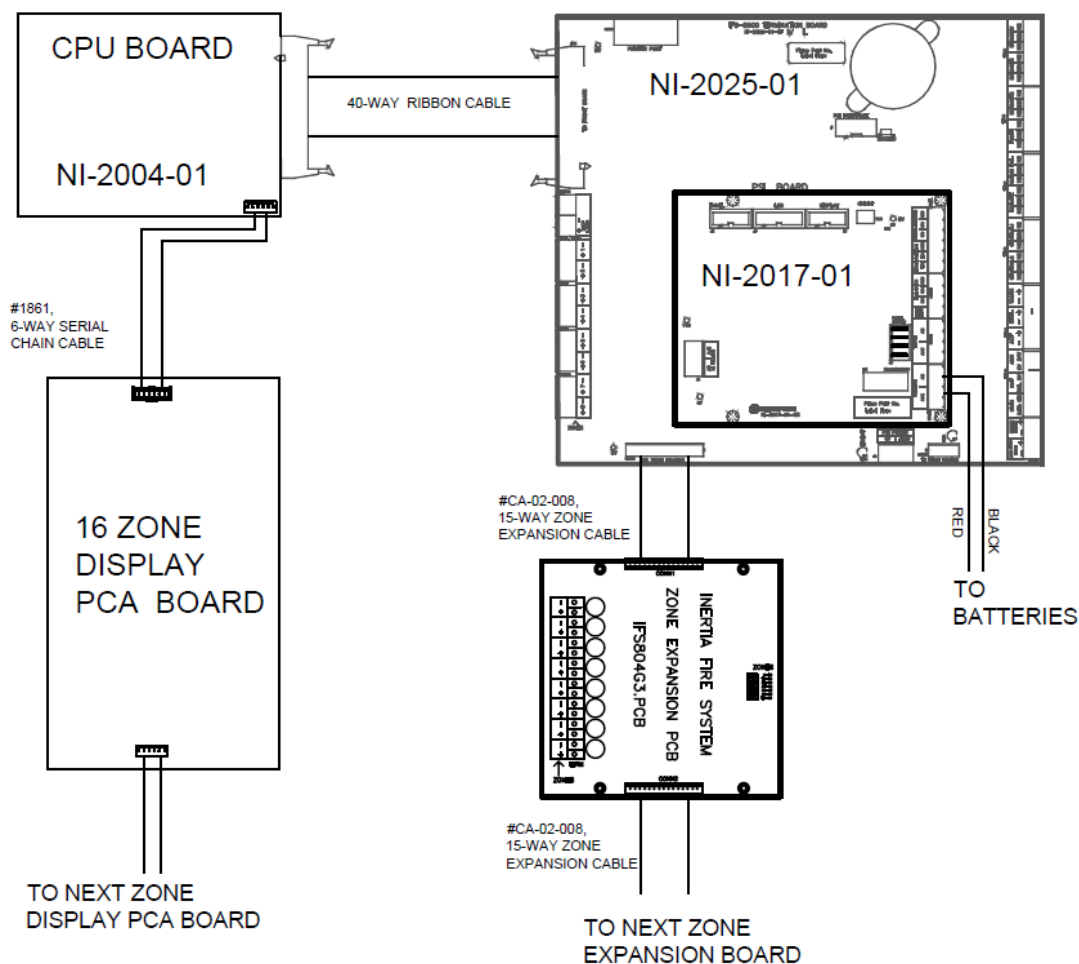


Figure 7, IFS-804 Zone expansion board connection diagram

3. Components

The IFS-804 Zone expansion kit assembly contains the following components, as outlined in Table 1.

Part No.	Description	Qty
778	4k7 5% 0.25W End-Of-Line resistor	8
2056	Zone numbering sticker	1
2316	M3x8mm Philips Head sems screws	4
CA-02-008	15-way Zone expander cable – 230mm	1
DOC-03-012	IFS-804 Install sheet Rev 2.00 printed on an A4 paper - this document	1
GEN-01-001	¼" #4-40 Philips Head sems screws	2
GEN-01-002	¾" 4-40 Female-Female standoffs	2
MW-02-026	CHS-Adapter for IFS-804 board	1
PCA-01-011	IFS-804 Rev G - 8 Zone expansion PCA	1

Table 1: Components

4. Supplemental Documentation

For information on...	Refer to...	Part No.
IFS-2600 PSI	IFS-2600 Installation, Programming & Operations Manual	DOC-01-009

Table 2: Supplemental Documentation