

PANELS

583- AND 584-TYPES

IDENTIFICATION AND INSTALLATION

1. GENERAL

1.001 This addendum supplements Section 518-270-101 Issue 2.

1.002 This addendum is issued to:

- (a) Add KS-19384, List 2 interrupter
- (b) Rate KS-19384, List 1 interrupter MD

The following change applies to Part 1 of the section:

- (a) 1.05 revised

1.05 The KTUs are locked into place by a slide retainer bar furnished with the panels. This retainer bar is located on the bottom of the 583A and 584A panels and on the top of the 584B panel. A second retainer bar can be installed on the bottom of the 584B panel if desired. This P-48C743 bar and three P-210800 mounting screws must be ordered separately.

2. IDENTIFICATION

The following changes apply to Part 2 of the section:

- (a) 2.04 sentence added
- (b) 2.10 revised
- (c) 2.15 revised
- (d) 2.17 revised
- (e) Fig. 2 revised

2.04 The 584A panel (Fig. 2) accepts thirteen 400-type or 401A plug-in KTUs and is equipped with a plug-in KS-15900, List 1 interrupter. When it is necessary to use 24 volts dc to power the interrupter, substitute KS-19384, List 1 (MD) or KS-19384, List 2 interrupter.

2.10 The 584B panel accepts thirteen 400-type or 401A plug-in KTUs. Units can be intermixed in any receptacle position. A receptacle is provided for KS-15900, List 1, KS-19384, List 1 (MD), or KS-19384, List 2 interrupter which must be ordered separately.

2.15 When the 584B panel is used alone, the program plug is placed in receptacle A. The full output of KS-15900, List 1, KS-19384, List 1 (MD), or KS-19384, List 2 interrupter is associated within that specific 584B panel. Under this arrangement, fusing for an average of 17 lamps per line circuit is provided not to exceed 50 lamps per interrupter contact.

2.17 With the program plug in receptacle C, half the output of the master 584B panel interrupter (LF1, LF2, LW1, and LW2 leads) is used to power an average of eight lamps per line within the panel. The remaining interrupter contacts (LF3, LF4, LW3, and LW4) may be used to power up to 50 lamps per contact. This is the maximum capacity of KS-15900, List 1, KS-19384, List 1 (MD), or KS - 19384, List 2 interrupter contacts. These leads may be used to drive auxiliary relays if desired. This option requires that dc power be connected to the input of the interrupter contact which is used to power the auxiliary relays. It is necessary to provide the optional wiring at the interrupter to avoid conflict with lamp battery supply (ac power) connected to other interrupter contacts.

Fig. 2—Change callout "KS-15900 L1 or KS-19384 L1" to read "KS-15900 L1, KS-19384, L1 (MD), or KS-19384 L2"

3. INSTALLATION

The following change applies to Part 3 of the section:

- (a) 3.15 revised
- (b) Table B subheading revised

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3.15 A 10-volt ac KS-15900, List 1 interrupter is normally used with the panels. Where service conditions require, a 24-volt dc KS-19384, List 1

(MD) or KS-19384, List 2 interrupter can be used. This will require a change in the power supply to the interrupter motor.

**TABLE B
LAMP DISTRIBUTION**

CAPACITY	583A PANEL	584A PANEL	584B PANEL				
			USED ALONE OPTION A	AS 1ST PNL E/W KS-15900, L1, KS-19384, L1, OR KS-19384, L2 INTER. OPTION B	AS 1ST PNL E/W KS-15900, L1, KS-19384, L1, OR KS-19384, L2 INTER. OPTION C	AS 2ND PNL WITHOUT 412A KTU OPTION C	AS 2ND OR SUCC PNL E/W 412A KTU OPTION A