

MANUFACTURER DOCUMENT PACKAGE

# Manufacturer's Manual

Reference package for procurement and maintenance review

TRICONEX

## 3000142-220

EXTERNAL TERMINATOR BASEPLATE

Used with the applicable Triconex safety system configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Tricon Technical Product Guide

dule number in the first column with termination options on the right. An I/O module can be wired to a maximum of two termination  
 be of two different types—for example, commoned and non-commoned.

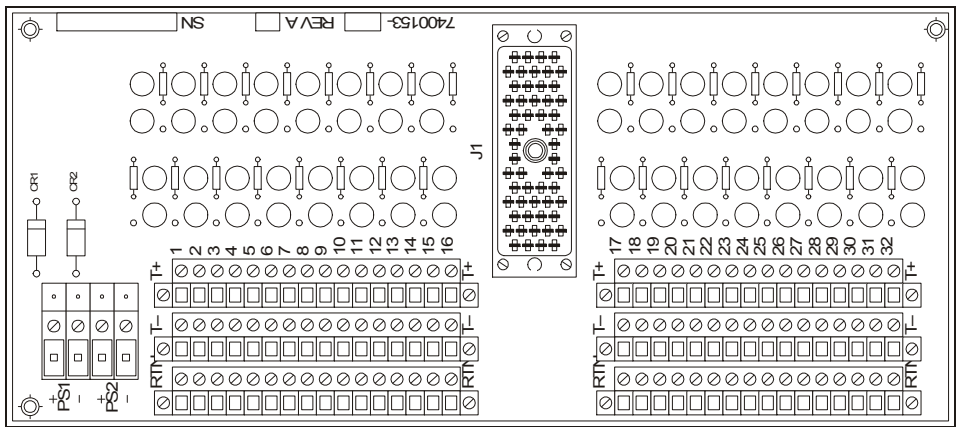
| scription            | Commoned<br>Term Panels          | Non-Common.<br>Term Panels | Basic<br>Term Panels             | Nonincendive<br>Term Panels | RG 1.180<br>Term Panels | Fanned-out<br>Cables | Bypass<br>Panels   | ERT Loop-<br>Back<br>Cables/Panels |
|----------------------|----------------------------------|----------------------------|----------------------------------|-----------------------------|-------------------------|----------------------|--------------------|------------------------------------|
| /VDC, 32 pts.        | 9561-810F                        | 9561-110F                  | 9551-110F                        | n/a                         | n/a                     | 9101-010F            | n/a                | 9141-010F                          |
| VDC, 32 pts.         | 9562-810F                        | n/a                        | 9552-610F                        | n/a                         | n/a                     | 9101-010F            | n/a                | 9142-010F                          |
| VDC, 32 pts.         | 9563-810F                        | n/a                        | 9553-610F                        | 9572-610F                   | n/a                     | 9101-010F            | BP9228-010F        | 9143-010F                          |
| XC,<br>64 pts.       | 9566-810F, 24V<br>9565-810F, 48V | n/a                        | 9750-310F, 24V<br>9750-410F, 48V | 9570-610F, 24V<br>n/a       | n/a                     | n/a                  | BP9229-010F<br>n/a | n/a                                |
| low threshold,       | 9563-810F                        | n/a                        | 9553-610F                        | 9572-610F                   | n/a                     | 9101-010F            | BP9228-010F        | 9143-010F                          |
|                      | 9563-910F                        |                            |                                  |                             |                         |                      |                    |                                    |
| Hz, 8 pts.           | n/a                              | n/a                        | 9753-110F                        | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| Hz, 8 pts.           | n/a                              | n/a                        | 9753-110F                        | 9793-110F                   | 9794-110F               | n/a                  | n/a                | n/a                                |
| Hz, 24 VDC,          | n/a                              | n/a                        | 9753-110F                        | 9572-610F                   | n/a                     | n/a                  | n/a                | n/a                                |
| single, 64 pts.      | 9566-710F                        | n/a                        | 9553-610F                        | 9571-610F                   | n/a                     | 9101-010F            | n/a                | n/a                                |
| 16 pts.              | 9661-610F                        | 9661-110F                  | 9651-110F                        | n/a                         | n/a                     | 9101-010F            | n/a                | 9670-110F                          |
|                      | 9663-610F                        | 9664-110F                  |                                  |                             |                         |                      |                    | 9670-610F                          |
| 16 pts.              | 9663-610F                        | 9664-110F                  | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| C, 16 pts.           | n/a                              | 9251-210                   | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| C, 16 pts.           | 9661-910F <sup>a</sup>           | n/a                        | 9651-110F                        | n/a                         | n/a                     | 9101-010F            | n/a                | 9673-810F <sup>a</sup>             |
|                      | 9664-810F <sup>a</sup>           |                            |                                  |                             |                         |                      |                    |                                    |
| C, 16 pts.           | 9664-810F <sup>a</sup>           | n/a                        | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | 9673-810F <sup>a</sup>             |
| 16 pts.              | 9662-810F                        | 9662-110F                  | 9653-610F                        | 9671-610F                   | n/a                     | 9101-010F            | n/a                | 9671-810F                          |
| 16 pts.              | 9667-810F                        | 9667-110F                  | 9652-610F                        | n/a                         | n/a                     | 9101-010F            | n/a                | 9672-810F                          |
| 8 pts.               | 9661-510F                        | n/a                        | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| C, 8 pts.            | 9661-810F                        | n/a                        | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| 8 pts.               | 9662-810F                        | n/a                        | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| low power,           | 9662-710F                        | n/a                        | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| 8 pts.               | 9667-910F                        | n/a                        | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| C, 16 pts.           | 9661-910F                        | n/a                        | 9651-110F                        | n/a                         | n/a                     | 9101-010F            | n/a                | n/a                                |
| C, 16 pts.           | 9664-810F                        | n/a                        | n/a                              | n/a                         | n/a                     | n/a                  | n/a                | n/a                                |
| self-protected,      | 9662-610F                        | n/a                        | 9653-610F                        | 9671-610F                   | n/a                     | 9101-010F            | n/a                | n/a                                |
| self-protected,      | 9662-610F                        | n/a                        | 9653-610F                        | 9671-610F                   | n/a                     | 9101-010F            | n/a                | 9671-810F <sup>b</sup>             |
| ed), 32 pts.         | n/a                              | 9668-110F                  | 9651-110F                        | n/a                         | n/a                     | 9101-010F            | n/a                | n/a                                |
| VDC, self-protected, | 9662-610F                        | n/a                        | 9653-610F                        | 9671-610F                   | n/a                     | 9101-010F            | n/a                | 9671-810F <sup>b</sup>             |

# Field Termination Options

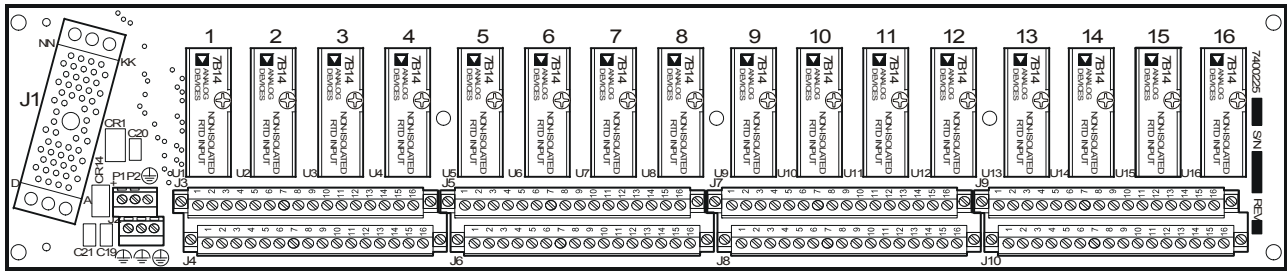
## Dimensions of External Termination Panels

| Panel Model | Width<br>(across DIN rail) | Length<br>(along DIN rail) | Height<br>(out from DIN rail) |
|-------------|----------------------------|----------------------------|-------------------------------|
| 9251-210F   | 7 in (17.78 cm)            | 19 in (48.26 cm)           | 4.75 in (12.065 cm)           |
| 9551-110F   | 3 in (7.62 cm)             | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9552-610F   | 3 in (7.62 cm)             | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9553-610F   | 3 in (7.62 cm)             | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9561-110F   | 4.5 in (11.43 cm)          | 7.75 in (19.685 cm)        | 4.25 in (10.795 cm)           |
| 9561-810F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9562-810F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9563-810F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9563-910F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9565-710F   | 4.5 in (11.43 cm)          | 10 in (25.4 cm)            | 4.25 in (10.795 cm)           |
| 9565-810F   | 4.5 in (11.43 cm)          | 10 in (25.4 cm)            | 4.25 in (10.795 cm)           |
| 9566-710F   | 4.5 in (11.43 cm)          | 10 in (25.4 cm)            | 4.25 in (10.795 cm)           |
| 9566-810F   | 4.5 in (11.43 cm)          | 10 in (25.4 cm)            | 4.25 in (10.795 cm)           |
| 9570-610F   | 4.42 in (11.23 cm)         | 9.88in (25.08 cm)          | 4.25 in (10.795 cm)           |
| 9571-610F   | 4.42 in (11.23 cm)         | 9.88 in (25.08 cm)         | 4.25 in (10.795 cm)           |
| 9572-610F   | 4.42 in (11.23 cm)         | 5.02 in (12.75 cm)         | 4.25 in (10.795 cm)           |
| 9651-110F   | 3 in (7.62 cm)             | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9652-610F   | 3 in (7.62 cm)             | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9653-610F   | 3 in (7.62 cm)             | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9661-110F   | 4.5 in (11.43 cm)          | 7.75 in (19.685 cm)        | 4.25 in (10.795 cm)           |
| 9661-510F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9661-610F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9661-710F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9661-810F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9661-910F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9662-110F   | 4.5 in (11.43 cm)          | 7.75 in (19.685 cm)        | 4.25 in (10.795 cm)           |
| 9662-610F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9662-710F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9662-810F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9662-910F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9663-610F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9664-110F   | 4.5 in (11.43 cm)          | 7.75 in (19.685 cm)        | 4.25 in (10.795 cm)           |
| 9664-810F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9667-110F   | 4.5 in (11.43 cm)          | 7.75 in (19.685 cm)        | 4.25 in (10.795 cm)           |
| 9667-810F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9667-910F   | 4.5 in (11.43 cm)          | 5 in (12.7 cm)             | 4.25 in (10.795 cm)           |
| 9668-110F   | 4.5 in (11.43 cm)          | 7.75 in (19.685 cm)        | 4.25 in (10.795 cm)           |
| 9670-110F   | 7 in (17.78 cm)            | 19 in (48.26 cm)           | 4.75 in (12.065 cm)           |

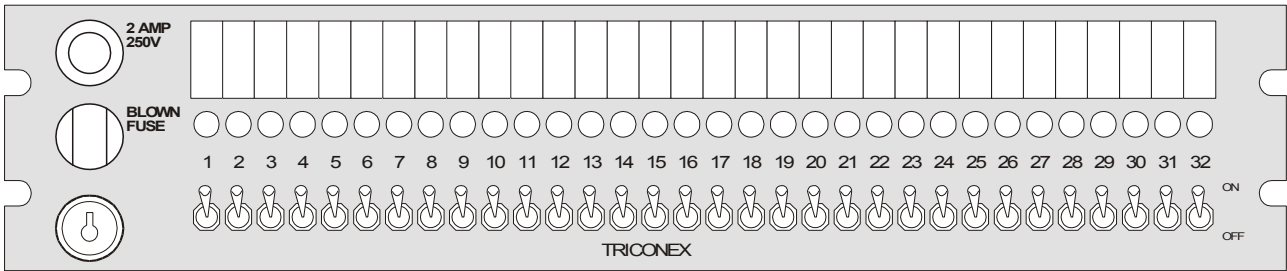
# Field Termination Options



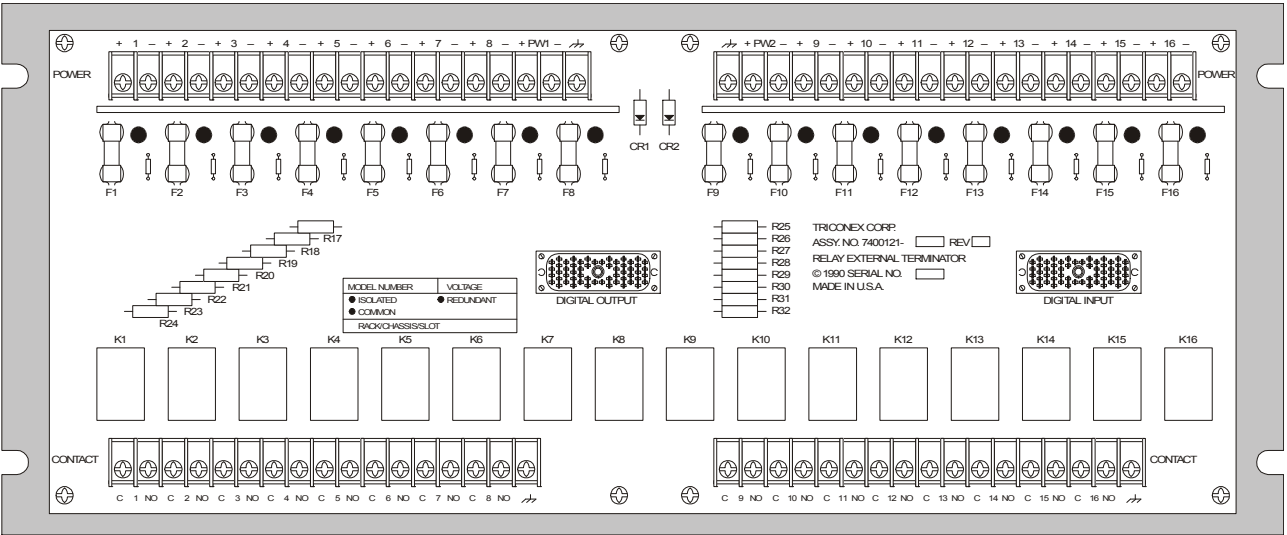
3-Wire Transmitter Analog Input Termination Panel



RTD/TC/AI External Termination Panel



External Bypass Termination Panel



External Relay Termination with 16 Interposing Relay Contacts