

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

TRICONEX

7400121-380

RELAY EXTERNAL TERMINATOR

Used with the applicable Triconex safety system configuration.

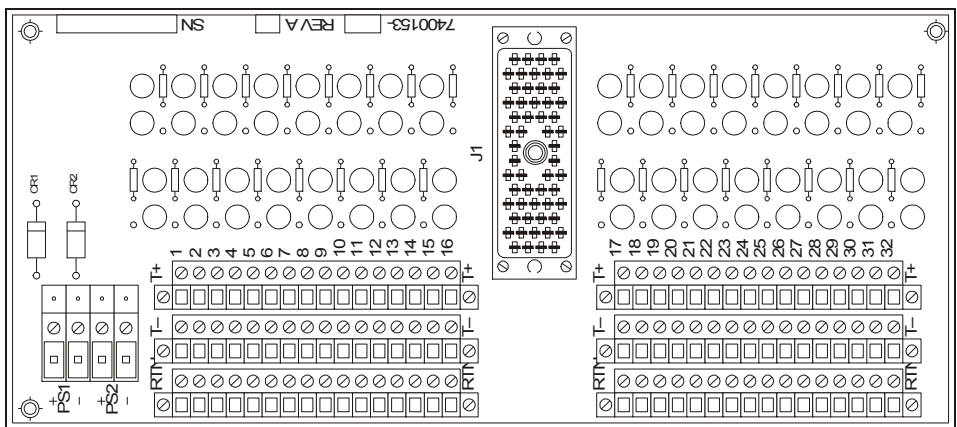
REFERENCE PACKAGE

OFFICIAL DOCUMENT

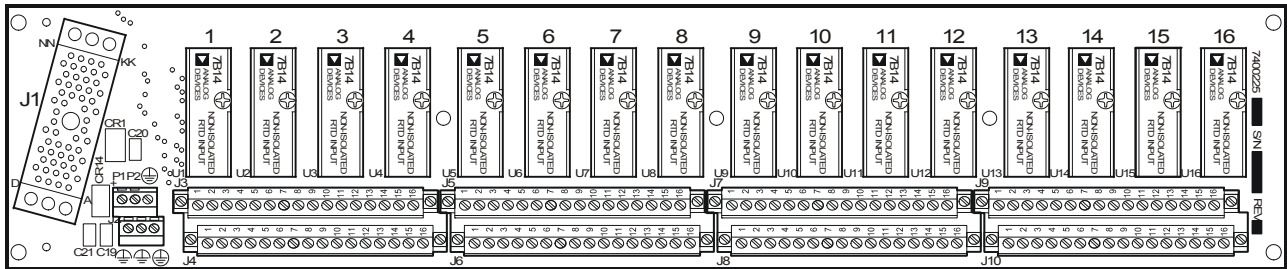
Selected official manufacturer pages follow this cover.

Source: Tricon Technical Product Guide

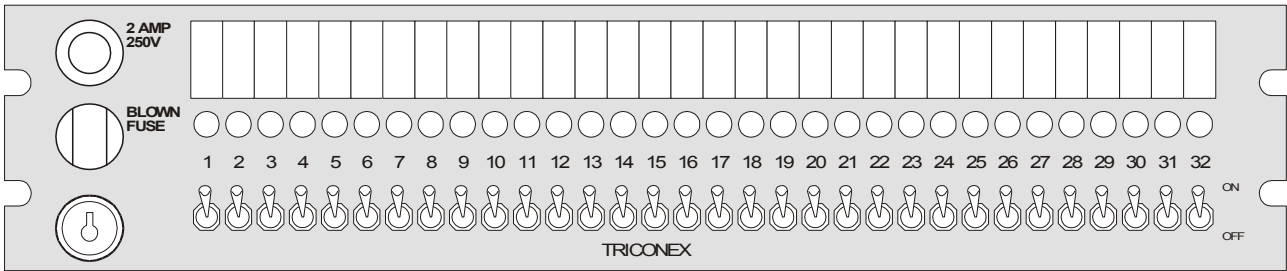
Field Termination Options



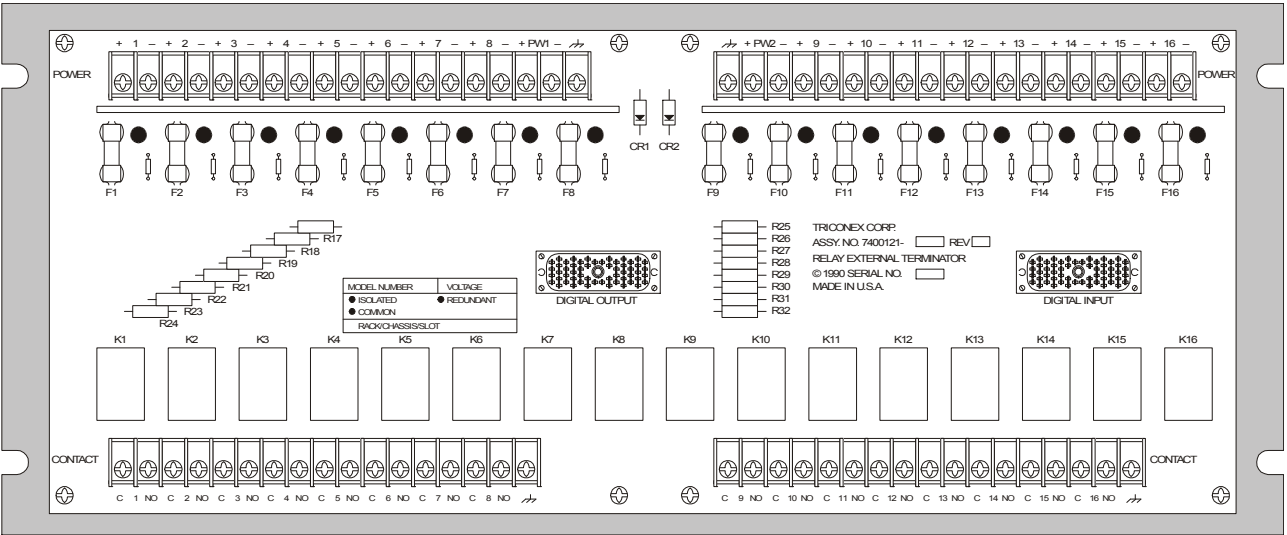
3-Wire Transmitter Analog Input Termination Panel



RTD/TC/AI External Termination Panel



External Bypass Termination Panel



External Relay Termination with 16 Interposing Relay Contacts

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 Term Panels	Non-Common. Term Panels	Basic Term Panels	Nonincendive Term Panels	RG 1.180 Term Panels	Fanned-out Cables	Bypass Panels	ERT Loop- Back 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, 64 pts.	9566-810F, 24V 9565-810F, 48V	n/a	9750-310F, 24V 9750-410F, 48V	9570-610F, 24V n/a	n/a	n/a	BP9229-010F 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 ^a	n/a	9651-110F	n/a	n/a	9101-010F	n/a	9673-810F ^a
	9664-810F ^a							
C, 16 pts.	9664-810F ^a	n/a	n/a	n/a	n/a	n/a	n/a	9673-810F ^a
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 ^b
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 ^b

Field Termination Options

Dimensions of External Termination Panels

Panel Model	Width (across DIN rail)	Length (along DIN rail)	Height (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)