

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

TRICONEX

9668-110

RELAY OUTPUT TERMINATION PANEL

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 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	n/a	9750-310F, 24V	9570-610F, 24V	n/a	n/a	BP9229-010F	n/a
low threshold,	9565-810F, 48V	n/a	9750-410F, 48V	n/a	n/a	n/a	n/a	n/a
	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)

Part Number Cross-Reference

Part Number Cross-Reference—ETPs (continued)

Base Model #	ETA	FT4 Cable	Z Cable	LSZH Cable	FT1 Cable (Old)
9661-610	3000520-160	4000188-110	4000193-110	4000141-110	4000094-110
9661-810	3000550-180	4000188-110	4000193-110	4000141-110	4000094-110
9661-910	3000520-180	4000188-110	4000193-110	4000141-110	4000094-110
9662-110	3000570-310	4000188-310	4000193-310	4000141-310	4000094-310
9662-610	3000520-390	4000188-310	4000193-310	4000141-310	4000094-310
9662-710	3000550-390	4000188-310	4000193-310	4000141-310	4000094-310
9662-810	3000520-380	4000188-310	4000193-310	4000141-310	4000094-310
9662-910	3000550-380	4000188-310	4000193-310	4000141-310	4000094-310
9663-610	3000725-160	4000188-110	4000193-110	4000141-110	4000094-110
9664-110	3000726-110	4000188-110	4000193-110	4000141-110	4000094-110
9664-810	3000520-170	4000188-110	4000193-110	4000141-110	4000094-110
9667-110	3000570-710	4000188-210	4000193-210	4000141-210	4000094-210
9667-810	3000520-280	4000188-210	4000193-210	4000141-210	4000094-210
9667-910	3000550-280	4000188-210	4000193-210	4000141-210	4000094-210
9668-110	3000590-110	4000188-110	4000193-110	4000141-110	4000094-110
9670-110	3000290-110	4000203-110	4000204-110	n/a	4000111-110
9670-610	3000290-160	4000203-110	4000204-110	n/a	4000111-110
9671-610	3000769-390	4000196-310	4000200-310	n/a	4000166-310
9671-810	3000290-380	4000203-310	4000204-310	n/a	4000111-310
9672-810	3000290-280	4000203-210	4000204-210	n/a	4000111-210
9673-810	3000290-181	4000203-110	4000204-110	n/a	4000111-110
9750-210	3000420-120	4000206-510	4000207-510	n/a	4000093-510
9750-310	3000420-310	4000187-310	4000192-310	4000140-310	4000093-310
9750-410	3000420-410	4000187-210	4000192-210	4000140-210	4000093-210
9750-810	3000420-180	4000206-510	4000207-510	n/a	4000093-510
9753-110	3000400-510	4000189-510	4000191-510	4000142-510	4000103-510
9760-210	3000470-510	4000206-510	4000207-510	n/a	4000093-510
9760-410	3000470-530	4000206-510	4000207-510	n/a	4000093-510
9761-210	3000510-510	4000189-510	4000191-510	4000142-510	4000103-510
9761-410	3000510-530	4000189-510	4000191-510	4000142-510	4000103-510
9762-210	3000510-560	4000189-510	4000191-510	4000142-510	4000103-510