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9563-810 (24 V, commoned, 16 pts.)

Termination panel 9563–810 is compatible with 24 volt digital input modules and has 16 input points and commoned power terminals (PWR+ and PWR–). Each input point is protected by a fuse with a blown-fuse indicator.

The modules compatible with 9563–810 have 32 points, which means you must use two term panels for each digital input module.

Each term panel comes with two sets of labels: 1-16 and 17-32. For information on how to apply the labels, see Appendix F, Panel Labels.

Specifications

This table describes specifications for 9563–810.

Table 24 Specifications for Term Panel 9563-810

Feature	Description
Panel type	Commoned
Points	16
Leakage current per point	Maximum: 3.3 mA Typical: 2.5 mA

Compatible Modules

This table describes digital input modules compatible with 9563–810.

Table 25 Modules Compatible with 9563-810

Module Part Number	Points per Module	Module Description	Fuse
3503E	32	24 VAC/VDC, commoned in groups of 8, TMR with self-test	1A, slow
3505E	32	24 VDC, low-threshold, commoned in groups of 8 with self test, TMR	1A, slow

Field Wiring Diagrams

This figure illustrates how to connect a 32-point digital input module and a 9563–810 to the field.

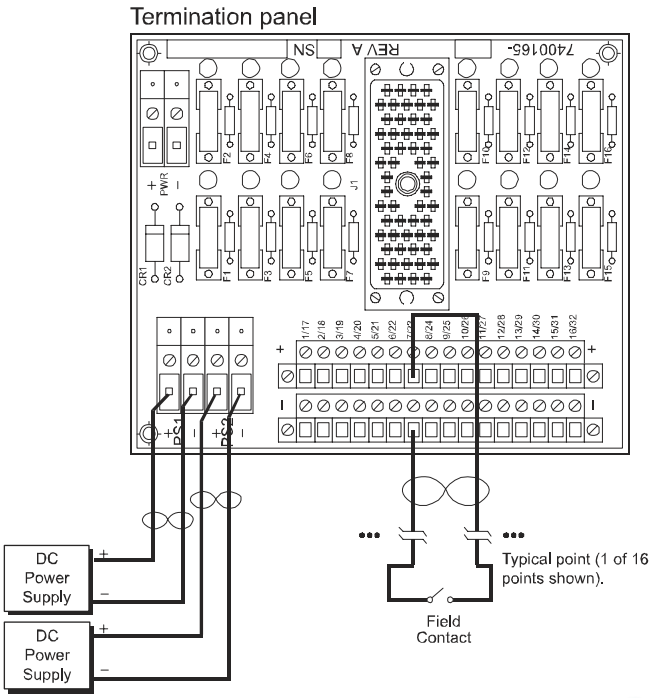
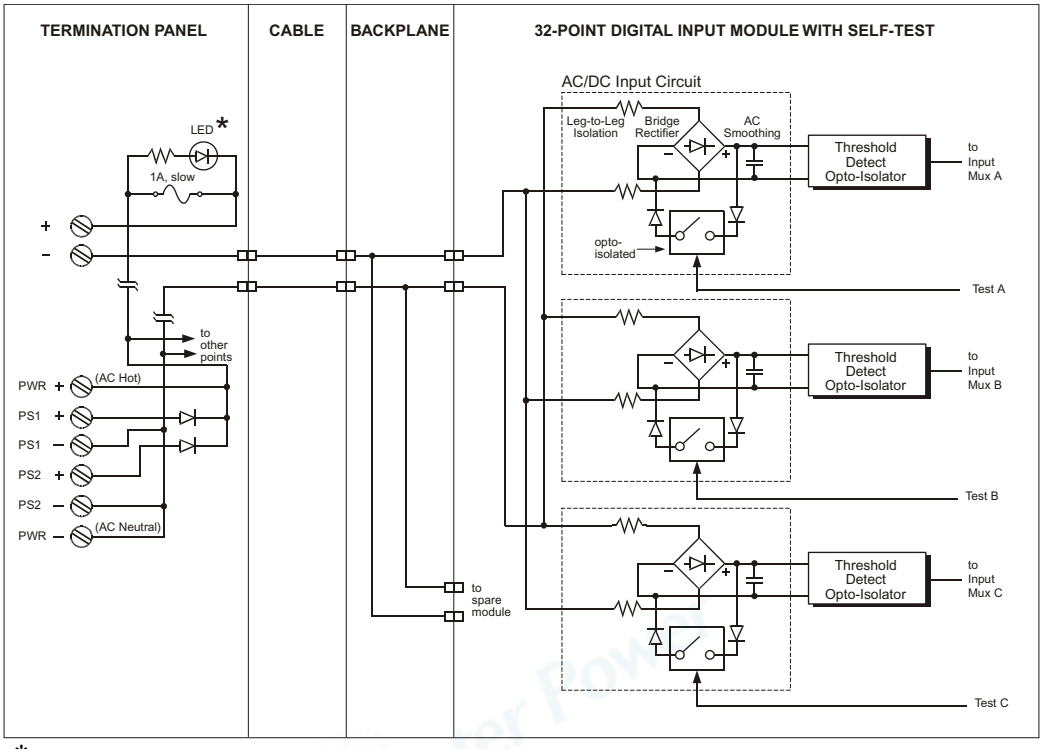


Figure 8 Field Wiring for 9563-810 with a 3503E or 3505E Module

Simplified Schematics

This is a simplified schematic of a typical 32-point commoned digital input module with self-test (1 of 32 module points shown).



* LEDs are blown-fuse indicators

Figure 9 Simplified Schematic of a 3503E or 3505E DI Module with a 9563-810 Panel

9563-910 (24 V, commoned, resistor protected, 16 pts.)

Termination panel 9563-910 is compatible with 24 volt digital input modules and has 16 input points and commoned power terminals (PWR+ and PWR–). Each input point is protected by a 180 ohm resistor.

The modules compatible with 9563-910 have 32 points, which means you must use two term panels for each digital input module.

Each term panel comes with two sets of labels: 1-16 and 17-32. For information on how to apply the labels, see Appendix F, Panel Labels.

Apter Power

This table describes the dimensions of each external termination panel (ETP).

Table 220 Panel Dimensions

Panel Model	Width (across DIN rail)	Length (along DIN rail)	Height (out from DIN rail)
9251-210	7 in (17.78 cm)	19 in (48.26 cm)	4.75 in (12.065 cm)
9551-110	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9552-610	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9553-610	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9561-110	4.5 in (11.43 cm)	7.75 in (19.685 cm)	4.25 in (10.795 cm)
9561-810	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9562-810	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9563-810	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9563-910	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9565-710	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9565-810	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9566-710	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9566-810	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9567-810	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9570-610	4.42 in (11.23 cm)	9.88in (25.08 cm)	4.25 in (10.795 cm)
9571-610	4.42 in (11.23 cm)	9.88 in (25.08 cm)	4.25 in (10.795 cm)
9572-610	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9651-110	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9652-610	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9653-610	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9661-110	4.5 in (11.43 cm)	7.75 in (19.685 cm)	4.25 in (10.795 cm)
9661-510	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9661-610	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9661-710	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9661-810	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9661-910	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9662-110	4.5 in (11.43 cm)	7.75 in (19.685 cm)	4.25 in (10.795 cm)
9662-610	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9662-710	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9662-810	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)

G

Part Number Cross-Reference

This table identifies the ETA part number and cable part number for each termination panel model number.

Table 221 Part Number Cross-Reference

Model #	ETA	Cable
9551-110	3000400-160	4000093-110
9552-610	3000400-260	4000093-210
9553-610	3000400-360	4000093-310
9561-110	3000560-110	4000093-110
9561-810	3000510-180	4000093-110
9562-810	3000510-280	4000093-210
9563-810	3000510-380	4000093-310
9563-910	3000510-390	4000093-310
9565-710	3000530-280	4000093-210
9565-810	3000540-280	4000093-210
9566-710	3000530-380	4000093-310
9566-810	3000540-380	4000093-310
9567-810	3000530-180	4000093-110
9570-610	3000768-370	4000165-310
9571-610	3000768-390	4000165-310
9572-610	3000771-380	4000165-310
9651-110	3000410-160	4000094-110
9652-610	3000410-260	4000094-210
9653-610	3000410-360	4000094-310
9661-110	3000570-110	4000094-110
9661-510	3000550-160	4000094-110