

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

AMIKON cover followed by applicable original manufacturer pages

TRICONEX / SCHNEIDER ELECTRIC

9760-210

ANALOG INPUT PANEL

Manufacturer guide: Tricon v10 Systems

OFFICIAL SOURCE

Tricon Technical Product Guide, Part No. 9791007-024, Rev 0, November 2012

Applicable source pages included: 61, 63, 84

The following pages retain the original manufacturer content, aspect ratio and colours.

3674	Dual DO, 24 VDC, self-protected, 32 pts.	9662-610F	n/a	9653-610F	9671-610F	n/a	9101-010F	n/a	9671-810F ^b
Module Model #	Module Description	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
3805E 3805H	AO, 4–20 mA, 8 pts.	n/a	n/a	9853-610F	9861-610F	9860-610F	n/a	n/a	n/a
2870H	AO HART Interface	n/a	n/a	9853-610F	9861-610F	9860-610F	n/a	n/a	n/a
3806E	AO, 6 4–20 mA outputs, 2 20–320 mA outputs	n/a	n/a	9863-710F (special panel)	n/a	n/a	n/a	n/a	n/a
3807	AO, 4 bipolar -60 to 60 mA outputs	9881-810F	n/a	n/a	9871-810F	n/a	n/a	n/a	n/a
Module Model #	Module Description	Upscale	Downscale	Basic Term Panels	Nonincendive Term Panels	RG 1.180 Term Panels	Fanned-out Cables	Bypass Panels	ERT Loop-Back Cables/Panels
3706A	Thermocouple input, type J, K, T, differential, 32 pts.	9766-210F	9766-510F	n/a	9784-610F, upscale 9785-610F, downscale	n/a	n/a	n/a	n/a
3708E	Thermocouple input, type E, J, K, T, isolated, 16 pts.	9765-610F	9765-610F	n/a	9786-110F	9782-110F	n/a	n/a	n/a
Module Model #	Module Description	3-Wire 4-20 mA	Voltage	2-Wire 4-20 mA	Nonincendive Term Panels	RG 1.180 Term Panels	Basic	RTD/TC/AI	
3700 3700A	AI, 0–5 VDC, differential, 32 pts.	n/a	9763-810F	9761-210F, 0–5 V 9771-210F, 0–5 V	9791-610F, current input 9787-110F, voltage input	9790-610F, current input 9792-610F, 4-20 mA, 0-5 V, 16 VDC-56 VDC field 9783-110F, voltage input 9764-310F, RTD/TC/AI input ^c	9753-110F, 0–5 V	9764-310F ^c	
2770H	AI HART Interface	n/a	n/a	9761-210F, 0–5 V 9771-210F, 0–5 V	9791-610F, current input	9790-610F, current input	n/a	n/a	
3701	AI, 0–10 VDC, differential, 32 pts.	n/a	9763-810F	9761-410F	n/a	n/a	9753-110F, 0–10 V	n/a	
3703E ^d	AI, 0–5/0–10 VDC, isolated, 16 pts.	n/a	9763-810F	9762-210F, 0–5 V 9762-410F, 0–10 V 9771-210F, 0-5 V	9791-610F, current input 9787-110F, voltage input	9790-610F, 4–20 mA, 0–5 V 9792-610F, 4-20 mA, 0-5 V, 16 VDC-56 VDC field 9795-610F, 4–20 mA, 0–10 V 9783-110F, voltage input	9753-110F, 0–5/0–10 V	n/a	
3704E ^d	AI, 0–5/0–10 VDC, non-isolated, 64 pts.	9765-210F, 0–5V	n/a	9760-210F, 0–5 V 9760-410F, 0–10 V	9789-610F, 4–20 mA	n/a	9750-210F, 4–20 mA 9750-810F, 0–5/0–10 V	n/a	
3720	AI, 0–5 VDC, single-ended, 64 pts.	9765-210F, 0–5 V	n/a	9760-210F, 0–5 V	9789-610F, 4–20 mA	n/a	9750-210F, 4–20 mA 9750-810F, 0–5 V	n/a	
3721 ^d	AI, 0 to 5 VDC or –5 to +5 VDC, differential, 32 pts.	n/a	9763-810F	9761-210F, 0–5 V 9761-410F, 0–10 V 9771-210F, 0–5 V	9791-610F, current input 9787-110F, voltage input	9790-610F, 4–20 mA, 0–5 V 9792-610F, 4-20 mA, 0-5 V, 16 VDC-56 VDC field 9795-610F, 4–20 mA, 0–10 V 9783-110F, voltage input 9764-310F, RTD/TC/AI input ^c	9753-110F, 0–5 V	9764-310F ^c	

a. Point blown-fuse indicator will not illuminate when point fuse is removed. Each point is commoned.

b. Point blown-fuse indicator will not illuminate when point fuse is removed. Each point is self-protected and commoned.

c. Signal conditioners must be ordered separately. A total of 16 is required for each termination panel.

d. Must be configured using the TriStation 1131 software.

Panel Model	Width (across DIN rail)	Length (along DIN rail)	Height (out from DIN rail)
9670-610F	7 in (17.78 cm)	19 in (48.26 cm)	4.75 in (12.065 cm)
9671-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9671-810F	7 in (17.78 cm)	19 in (48.26 cm)	4.75 in (12.065 cm)
9672-810F	7 in (17.78 cm)	19 in (48.26 cm)	4.75 in (12.065 cm)
9673-810F	7 in (17.78 cm)	19 in (48.26 cm)	4.75 in (12.065 cm)
9750-210F	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9750-310F	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9750-410F	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9750-810F	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9753-110F	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9760-210F	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9760-410F	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9761-210F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9761-410F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9762-210F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9762-410F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9763-810F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9764-310F	3.5 in (8.89 cm)	19 in (48.26 cm)	3 in (7.62 cm)
9765-210F	4.5 in (11.43 cm)	10 in (25.4 cm)	4.25 in (10.795 cm)
9765-610F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9766-210F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9766-510F	4.5 in (11.43 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9771-210F	4.5 in (11.43 cm)	5.729 in (14.552 cm)	4.25 in (10.795 cm)
9782-110F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9783-110F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9784-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9785-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9786-110F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9787-110F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9789-610F	4.42 in (11.23 cm)	9.88 in (25.08 cm)	4.25 in (10.795 cm)
9790-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9791-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9792-610F	4.42 in (11.23 cm)	7.75 in (19.685 cm)	4.25 in (10.795 cm)
9793-110F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9794-110F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9795-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9853-610F	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 cm)
9860-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9861-610F	4.42 in (11.23 cm)	5.02 in (12.75 cm)	4.25 in (10.795 cm)
9863-710F	3 in (7.62 cm)	6.66 in (16.9164 cm)	4.25 in (10.795 cm)
9871-810F	3 in (7.62 cm)	5 in (12.7 cm)	4.25 in (10.795 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