Typhoon HIL

Interface for SEL Relay1 - HIL Connect - HIL

IP Address: 192.168.10.51:23

Typhoon HIL contact person

(NAME)

Customer contact person

(NAME)

RELAY 1 PINOUT

RELAY Signal	Rating	Signal description	HIL connect terminal block num.	HIL connect pin num. (LEFT to RIGHT)	HIL connect pin marking	HIL channel	Comments	HIL AO Scaling
ZO1	±1 A peak	IA	4	1	AO7	AO7		355
ZO2	±1 A peak	IA_RETURN	Connect to ZO7					
ZO3	±1 A peak	IB	4	2	AO8	AO8		355
ZO4	±1 A peak	IB_RETURN	Connect to ZO7					
ZO5	±1 A peak	IC	4	3	AO9	AO9		355
ZO6	±1 A peak	IC_RETURN	Connect to ZO7					
ZO7	±1 A peak	IN	Leave floating					
ZO8	±1 A peak	IN_RETURN	4	5	GND	AGND		
ZO9	±10 V peak	VA	4	6	AO21	AO21		3485
ZO10	±10 V peak	VB	4	7	AO22	AO22		3488
Z011	±10 V peak	VC	4	8	AO23	AO23		3447
ZO12	±10 V peak	N	4	10	GND	AGND		
EO1	±10 V peak	VS	4	9	AO24	AO24		3432
EO2	±10 V peak	NS	4	10	GND	AGND		
A01	120Vac	Power supply L	Connect to 120Vac					
A02	120Vac	Power supply N						
A03	+24V	24V	3	2	+24V			
A04	+24V	OUT101	3	5	DI4	DI4	NOT USED	
A05	+24V	24V	3	2	+24V			
A06	+24V	OUT102	3	6	DI5	DI5	SYNC	
A07	+24V	24V	3	4	+24V			
A08	+24V	OUT103	3	7	DI6	DI6	TRIP	
A10		IN101	3	8	DO3	DO3		
A11		IN COMMON	3	10	GND	DGND		
A12		IN102	3	9	DO4	DO4		

Typhoon HIL

Interface for SEL Relay2 - HIL Connect - HIL

Typhoon HIL contact person

(NAME)

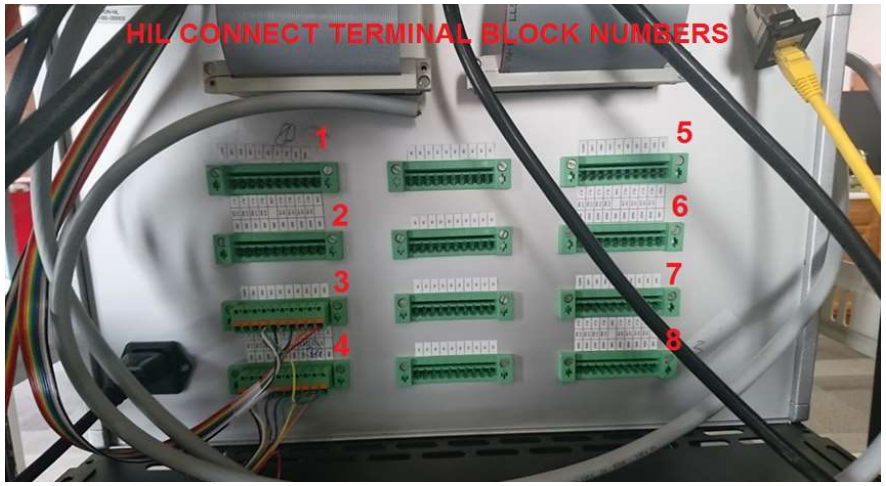
Customer contact person

(NAME)

IP Address: 192.168.10.52:23

RELAY 1 PINOUT

RELAY Signal	Rating	Signal description	HIL connect terminal block num.	HIL connect pin num. (LEFT to RIGHT)	HIL connect pin marking	HIL channel	Comments	HIL AO Scaling
ZO1	±1 A peak	IA	6	1	AO11	AO11		355
ZO2	±1 A peak	IA_RETURN	Connect to ZO7					
ZO3	±1 A peak	IB	6	2	AO12	AO12		355
ZO4	±1 A peak	IB_RETURN	Connect to ZO7					
ZO5	±1 A peak	IC	6	3	AO13	AO13		355
ZO6	±1 A peak	IC_RETURN	Connect to ZO7					
ZO7	±1 A peak	IN	Leave floating					
ZO8	±1 A peak	IN_RETURN	6	5	GND	AGND		
ZO9	±10 V peak	VA	6	6	AO25	AO25		3459
ZO10	±10 V peak	VB	6	7	AO26	AO26		3434
Z011	±10 V peak	VC	6	8	AO27	AO27		3470
ZO12	±10 V peak	N	6	10	GND	AGND		
EO1	±10 V peak	VS	6	9	AO28	AO28		3462
EO2	±10 V peak	NS	6	10	GND	AGND		
A01	120Vac	Power supply L	Connect to 120Vac					
A02	120Vac	Power supply N						
A03	+24V	24V	5	2	+24V			
A04	+24V	OUT101	5	5	DI7	DI7	NOT USED	
A05	+24V	24V	5	2	+24V			
A06	+24V	OUT102	5	6	DI8	DI8	SYNC	
A07	+24V	24V	5	4	+24V			
A08	+24V	OUT103	5	7	DI9	DI9	TRIP	
A10		IN101	5	8	DO5	DO5		
A11		IN COMMON	5	10	GND	DGND		
A12		IN102	5	9	DO6	DO6		



Interface for SEL Relay3 - HIL Connect - HIL

Typhoon HIL

Typhoon HIL contact person

(NAME)

Customer contact person

(NAME)

IP Address: 192.168.10.53:23

RELAY 1 PINOUT

RELAY Signal	Rating	Signal description	HIL connect terminal block num.	HIL connect pin num. (LEFT to RIGHT)	HIL connect pin marking	HIL channel	Comments	HIL AO Scaling
ZO1	±1 A peak	IA	8	1	AO15	AO15		355
ZO2	±1 A peak	IA_RETURN	Connect to ZO7					
ZO3	±1 A peak	IB	8	2	AO16	AO16		355
ZO4	±1 A peak	IB_RETURN	Connect to ZO7					
ZO5	±1 A peak	IC	8	3	AO17	AO17		355
ZO6	±1 A peak	IC_RETURN	Connect to ZO7					
ZO7	±1 A peak	IN	Leave floating					
ZO8	±1 A peak	IN_RETURN	8	5	GND	AGND		
ZO9	±10 V peak	VA	8	6	AO29	AO29		3507
ZO10	±10 V peak	VB	8	7	AO30	AO30		3497
ZO11	±10 V peak	VC	8	8	AO31	AO31		3457
ZO12	±10 V peak	N	8	10	GND	AGND		
EO1	±10 V peak	VS	8	9	AO32	AO32		3448
EO2	±10 V peak	NS	8	10	GND	AGND		
A01	120Vac	Power supply L	Connect to 120Vac					
A02	120Vac	Power supply N						
A03	+24V	24V	7	2	+24V			
A04	+24V	OUT101	7	5	DI10	DI10	NOT USED	
A05	+24V	24V	7	2	+24V			
A06	+24V	OUT102	7	6	DI11	DI11	SYNC	
A07	+24V	24V	7	4	+24V			
A08	+24V	OUT103	7	7	DI12	DI12	TRIP	
A10		IN101	7	8	DO7	DO7		
A11		IN COMMON	7	10	GND	DGND		
A12		IN102	7	9	DO8	DO8