

## ET2001A2448

Made to interface the system ET2001TX ET2001RX to 48V systems.

*Features of the board are:*

8 Inputs 24V

1 Outputs 1 24V

2 Inputs 48V

9 outputs 48V

2 auxiliary line

Supply 48V DC battery

PCB size 128 x 99 mm

Weight 280g

<b>J1 connector Weidmuller</b> female connector male contact 17-pin 90°		<b>J2 connector Weidmuller</b> female connector male contact 17-pin 90°	
Pin 1	AUX2	Pin 1	AUX2
Pin 2	<i>n.c.</i>	Pin 2	AUX1
Pin 3	GND	Pin 3	GND
Pin 4	OUT1_24V	Pin 4	IN1_48V
Pin 5	GND	Pin 5	GND
Pin 6	<i>n.c.</i>	Pin 6	AUX1
Pin 7	IN7_24V	Pin 7	OUT7_48V
Pin 8	+24V	Pin 8	+48V
Pin 9	<i>n.c.</i>	Pin 9	OUT8_48V
Pin 10	IN6_24V	Pin 10	OUT6_48V
Pin 11	IN5_24V	Pin 11	OUT5_48V
Pin 12	IN4_24V	Pin 12	OUT4_48V
Pin 13	IN2_24V	Pin 13	OUT2_48V
Pin 14	IN3_24V	Pin 14	OUT3_48V
Pin 15	IN1_24V	Pin 15	OUT1_48V
Pin 16	IN0_24V	Pin 16	OUT0_48V
Pin 17	GND	Pin 17	IN0_48V

**Tabella Logica per uscite OUT0\_48V e OUT1\_48V**

Logic table for output OUT0\_48V and OUT1\_48V

INx_24V	OUTx_48V
0	0
1	1

Logic table for input IN0\_48V and outputs OUT2\_48V and OUT3\_48V

*valid only if (IN4\_24V OR IN5\_24V OR IN6\_24V) AND IN1\_48V = 1*

IN2_24V	IN3_24V	IN0_48V	OUT2_48V	OUT3_48V
0	0	0	1	1
1	0	0	0	1
0	1	0	1	0
1	1	0	0	0
0	0	1	1	1
1	0	1	1	1
0	1	1	1	1
1	1	1	1	1

The input IN0\_48V enables outputs OUT2\_48V and OUT3\_48V.

**Tabella Logica per ingresso IN1\_48V e uscite OUT4\_48V, OUT5\_48V, OUT6\_48V e OUT8\_48V**

Logic table for input IN1\_48V and outputs OUT4\_48V, OUT5\_48V, OUT6\_48V and OUT8\_48V

IN4_24V	IN5_24V	IN6_24V	IN1_48V	OUT4_48V	OUT5_48V	OUT6_48V	OUT8_48V
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
1	1	0	0	0	0	0	0
0	0	1	0	0	0	0	0
1	0	1	0	0	0	0	0
0	1	1	0	0	0	0	0
1	1	1	0	0	0	0	0
0	0	0	1	1	0	0	0
1	0	0	1	0	1	0	1
0	1	0	1	1	1	0	1
1	1	0	1	0	1	0	1
0	0	1	1	1	0	1	1
1	0	1	1	0	1	0	1
0	1	1	1	1	0	0	0
1	1	1	1	0	1	0	1

The input IN1\_48V enables outputs OUT4\_48V, OUT5\_48V, OUT6\_48V and OUT8\_48V.

Logic table for output OUT7\_48V

IN7_24V	OUT7_48V
0	0
1	1