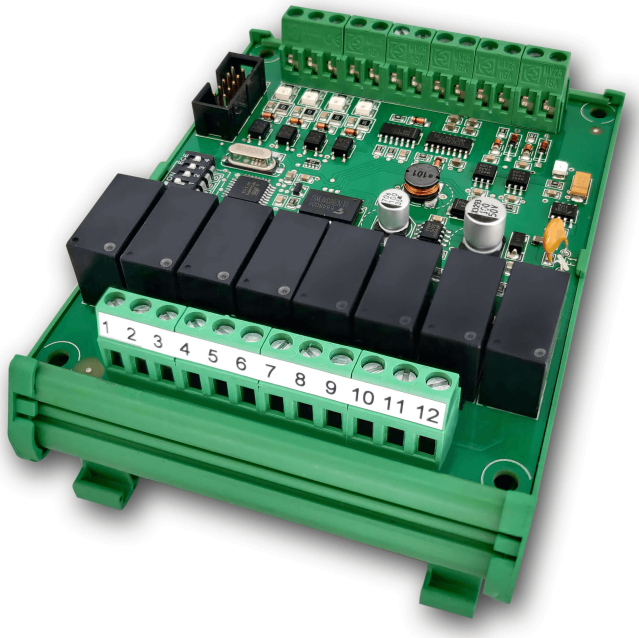
Expansion module I/O **EIOS 84**

General information

PWS35520261127

The EIOS 84 industrial weighing accessory is an additional external unit that is used to extend the potential of the MCT 1302 weight indicator by increasing the number of inputs and outputs. In so doing, EIOS 84 allows the MCT 1302 weight indicator to carry out not only standard operations for which its inputs and outputs are already sufficient, but also to perform more complex operations, such as dosage, loss-in-weight weighing and belt weighing. These applications are considered complex because they are characterized by dynamism and by multiple aspects that must be taken into consideration simultaneously to carry out the correct weighing. Think, for example, of alarms, different machines and sirens. These elements may require changes to the hardware, but thanks to EIOS 84 it is possible to extend the inputs and outputs of the indicator without replacing or physically modifying it. The advantage brought by EIOS 84 lies in the ability to make the MCT 1302 indicator a versatile and adaptable product to various industrial applications without additional costs. EIOS 84 can be mounted on a DIN bar and allows you to manage 8 logic outputs and 4 logic inputs. EIOS 84 can be connected to MCT 1302 via RS232 and RS485 or via synchronous current loop connection. Furthermore, it is possible to connect up to 4 EIOS 84 cards simultaneously, thus managing up to 32 logic outputs and 16 logic inputs.



All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Technical specifications

PWS35520261127

Material:	Polyamide 6.6 UL 94V-0 self-extinguishing
Temperature range:	-10 ÷ +40 °C (max 85% humidity without condensation)
Storage temperature:	-20 ÷ +50 °C
Logic output:	N° 8 relays (normally open contact) max 115Vac / 30Vdc, 0.5 A each
Logic inputs:	N° 4 optoinsulated PNP (voltage 10 - 30 Vdc)
Serial port:	1 asynchronous serial interface (current loop, RX only) + 1 RS232 + 1 RS485 (bidirectional)
Power supply:	10 ÷ 30 Vdc
Regulatory compliance:	EN50081-1, EN50082-2, EN61010-1
Dimensions:	93 x 126 x 60 mm (L x H x D) DIN43700
Isolation:	Class III
Connection to the instruments:	Screw terminal blocks, pitch 5.08

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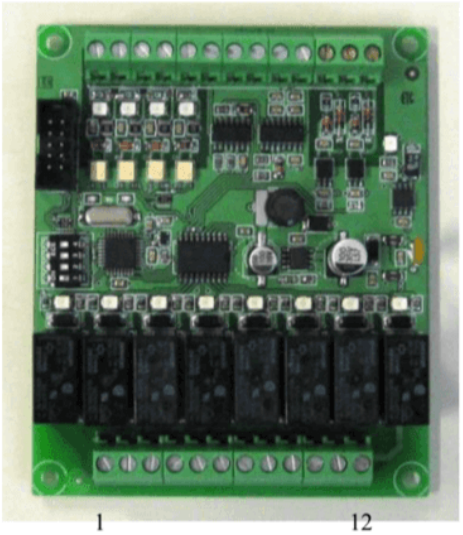
NUM.	Morsettiera MB 12P passo 5.08	
1	Comune 1	
2	OUT 1	
3	OUT 2	
4	OUT 3	
5	OUT 4	
6	Comune 2	
7	OUT 5	
8	OUT 6	
9	OUT 7	
10	OUT 8	
11	+	10 – 30 Vdc
12	-	
	Morsettiera MA 13P passo 5.08	
13	COM +	
14	TXD	
15	SCLK	
16	RS232 TX	
17	RS232 RX	
18	RS232 GND	
19	RS485 +	
20	RS485 -	
21	IN 1 +	
22	IN 2 +	
23	IN 3 +	
24	IN 4 +	
25	Comune ingressi -	

Morsettiera MA

25 13



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Morsettiera MA

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