DCB116 16 channels Current/Voltage converter.

The module DCB116 has 16 channels current to voltage converters. The module is housed in an aluminium box.

DCB116 has on the front panel 8 input connectors and on the backside four output connectors and one/two power connector. The module use only external power supply +24 Volt.

PERFORMANCE

Number of channel	**16**
Input connectors	**4 pins AMP style (High quality plastics)**
Input current	**up 500 nA (optional versions 1 mA, 2 mA)**
Output signal	**From 0 to 10 Volt**
Bandwidth	**0,1-1 Hz**
Input resistance	**50 Ом**
Linearity (0-500nA)	**< 0,05 %**
Power supply	**+ 24 Volt**
Output resistance	**50 Ohm**
Box dimension	**160x165x51,5 mm**
Max output current	**12 mA**

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BACKSIDE VIEW

INPUT CONNECTOR:

1	2	3	4
IN(even)	GND	GND	IN(odd)

OUTPUT CONNECTORs:

Ch1-8:
Right connector

1	2	3	4	5	6	7	8
GND	OUT4	GND	OUT3	GND	OUT2	GND	OUT1

Left connector

1	2	3	4	5	6	7	8
GND	OUT8	GND	OUT7	GND	OUT6	GND	OUT5

Ch9-16:

Right connector

1	2	3	4	5	6	7	8
GND	OUT4	GND	OUT3	GND	OUT2	GND	OUT1

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Left connector

1	2	3	4	5	6	7	8
GND	OUT8	GND	OUT7	GND	OUT6	GND	OUT5

POWER CONNECTOR:

1	2	3	4
+24 V	GND(24V)	REMOTE ON/OFF	EARTH

Note 1: EARTH directly connected to case.
Note 2: REMOTE ON/OFF **ON** 3.0 ... 12 VDC or open circuit;
OFF 0 .0 ….1.2 VDC.

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