

BC48 4...20mA

BC48 4...20mA, Process Indicator

Code: M11811.

> Scale: 90° , P1
> Accuracy: 1,5
> Full scale: 4...20 mA
> Device: BC48
> Modules: 48x48

Description

- Does not need an auxiliary power supply
- DIN boxes with dimensions: 48, 72, 96 and 144
- Precision class 1.5
- Measurement in DC of 0 ... 10 V, 0/4 ... 20 mA, .../60 mV
- Exchangeable scales for BC48, BC72, BC96, BM 45

Application

For the measurement of the mean value of voltages and currents in direct current circuits, even of the pulsating type, in a vast margin of values.



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Specifications

Mechanical characteristics

Size (mm) width x height x depth	48 x 48 x 66.2 (mm)
Fastening	Panel
Weight (kg)	0,18

Environmental characteristics

Protection class	Panel: IP 52 (Front), IP 00 (Terminals)
Storage temperature	-25...+40 °C
Working temperature	+10 ... +30 °C

Standards

Certifications	CE
Electrical safety, Maximum height (m)	2000
Standards	BS 89, UNE-EN 60051, IEC 144, DIN 43780, IEC 51, UNE 21318

Voltage measurement circuit

Consumption	1000 Ω/V
Maximum permanent measurement voltage	1,2 Vn / 2 Vn during 5s

Electrical characteristics

Insulation voltage, circuit	2 kV a 50Hz < 1 min entre mecanismo y caja

Measurement accuracy

Accuracy	1,5 % FE

BC-IP
Process indicators, 90ª

CODE	TYPE	Scale	Accuracy	Modules	Device	Full scale
M11813.	BC48 0...10V	90° , P1	1,5	48x48	BC48	0...10 V
M11812.	BC48 0...20mA	90° , P1	1,5	48x48	BC48	0...20 mA
M11811.	BC48 4...20mA	90° , P1	1,5	48x48	BC48	4...20 mA
M11823.	BC72 0...10V	90° , P1	1,5	72x72	BC72	0...10 V
M11822.	BC72 0...20mA	90° , P1	1,5	72x72	BC72	0...20 mA
M11821.	BC72 4...20mA	90° , P1	1,5	72x72	BC72	4...20 mA
M11833.	BC96 0...10V	90° , P1	1,5	96x96		0...10 V
M11832.	BC96 0...20mA	90° , P1	1,5	96x96	BC96	0...20 mA
M11831.	BC96 4...20mA	90° , P1	1,5	96x96	BC96	4...20 mA



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CODE	TYPE	Scale	Accuracy	Modules	Device	Full scale
M11843.	BC144 0...10V	90° , P1	1,5	144x144		0...10 V
M11841.	BC144 4...20mA	90° , P1	1,5	144x144		4...20 mA

Scales included in the price (*) The 6-digit code includes the 4 ... 20 mA scale

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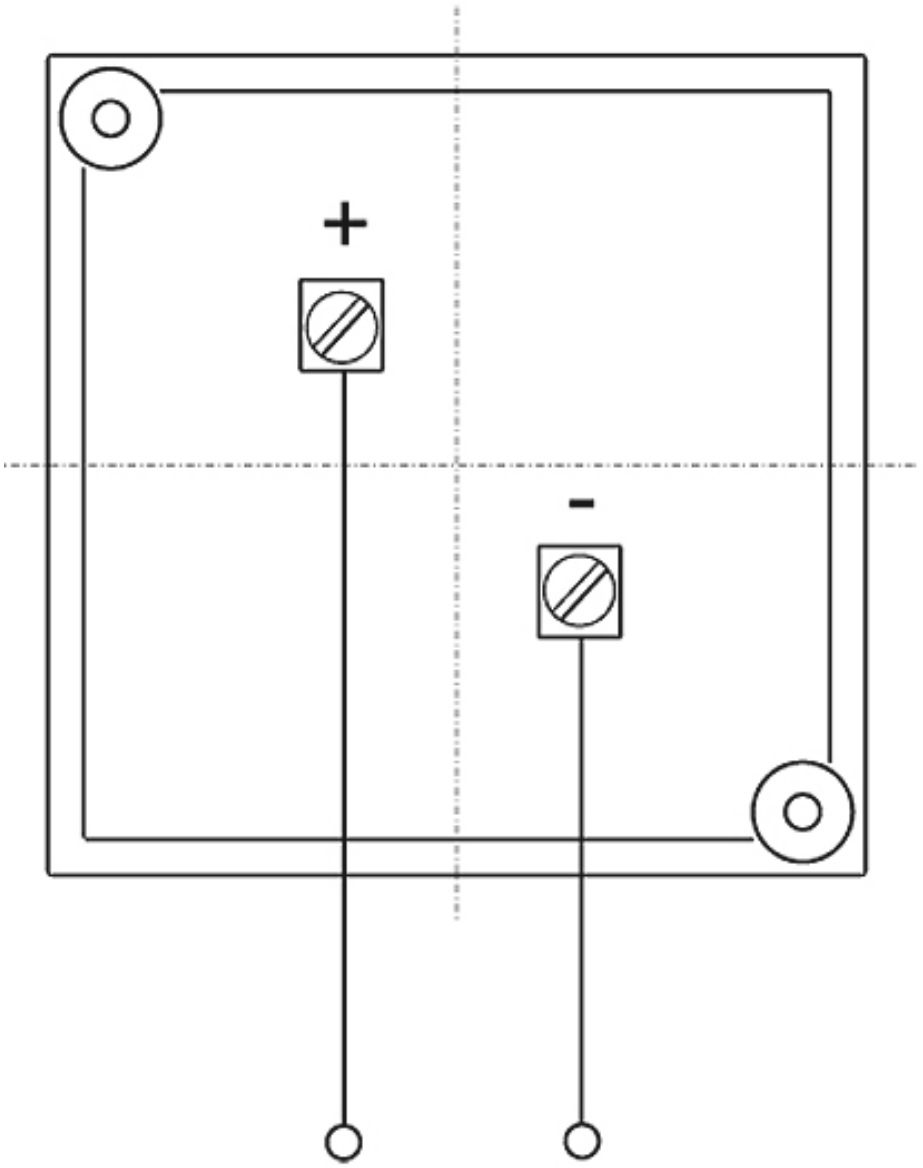


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Connections



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