

Current Source Simulator –230VAC Input Supply (0 - 20mA)

The Analog Source Generator(020mA) will
assist

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Key Features

- Channels: 1 channel
- Controle Type: Analog Controle
- Display Digit: 4 Digit
- Display Type: LED
- Encloser Material: ABS
- Maximum Current Output: 20mA
- Mounting Type: Panel Mount
- Output Accuracy: 0.1%
- Output Range: 0-20mA
- Phase: Single Phase

Ordering Information

Product Code	Description
USS20M230V-D	Current Source Simulator –230VAC Input Supply (0 - 20mA)
USS20M24V-D	Current Source Simulator 0/4 to 20mA
USS10V24V-D	Voltage Source Simulator 0-10V
USS20M24V-2P	Dual Output Current Source Simulator 0 to 20mA
SPD-230V-AC	Surge Protection Device 230V SPD / Single Phase SPD

Applications

- **Industrial Automation & Process Control:** Reliable signal interfacing and device connectivity across automated production lines.
- **SCADA & PLC Integration:** Seamless communication between field instrumentation and control systems.
- **Control Panel Building:** Compact 35 mm DIN rail mounting for clean and space-efficient cabinet wiring.
- **OEM Equipment & Diagnostics:** Robust electrical protection and standard industrial ratings.

Specifications

Parameter	Value
Mounting Type	Panel Mount
Dimensions	60 mm x 50 mm x 20 mm (L x W x H)
Enclosure Material	Industrial ABS plastic
Operating Temperature	−10 °C to +60 °C
Storage Temperature	−40 °C to +85 °C
Relative Humidity	5% to 95% RH (non-condensing)

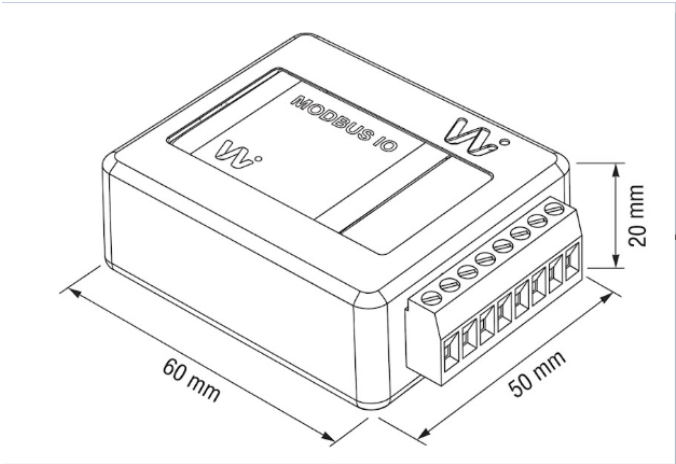
Electrical Specifications

Parameter	Specification
Supply Voltage	230V AC
Power Consumption	< 1.5 W
Setting Accuracy	±0.2% of Full Scale

Input/Output Specifications

Parameter	Value
Generated Signal Range	0.00 to 20.00 mA / 4.00 to 20.00 mA or 0.00 to 10.00 V DC
Resolution	0.01 mA / 0.01 V
Loop Drive Capability	Up to 750 Ω load resistance @ 24V DC supply

Mechanical Dimensions



Terminal Details & Wiring

Signal output screw terminals (+/-) for active output generation or loop simulation.

Revision History

Revision	Date	Description of Change
Rev 1.0	2026-09-09	Initial datasheet release for USS20M230V-D

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Support

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