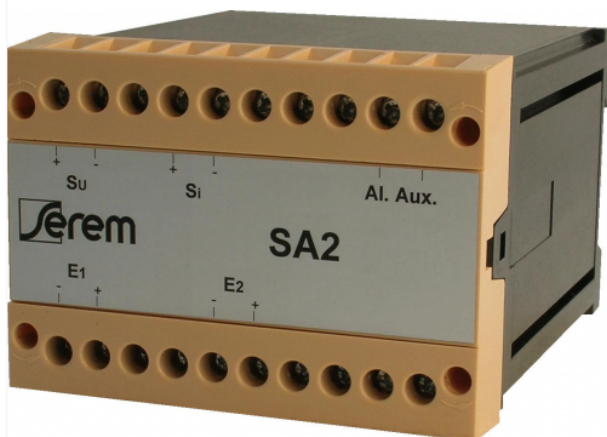


## SA3

## 2 OR 3 CHANNEL ADDER



### DESCRIPTION

In many industrial processes, it's necessary to add up 2 or 3 analog signals. The converter SA3 makes it possible with a high accuracy, a low temperature drift, and a high galvanic insulation.

### FEATURES

#### CONFIGURATION

- 2 inputs without isolation : 0Vrms for Ix/Iy, I/O
- 3 inputs without isolation : 0Vrms for Ix/Iy, I/O
- 2 inputs with isolation : > 1000Vrms for Ix/Iy, I/O
- 3 inputs with isolation : > 1000Vrms for Ix/Iy, I/O

#### INPUT 1 - voltage

- 0-10V
- +-10V
- 0-20mA
- 4-20mA
- Specific : from 0-0,1V to 100V

#### OUTPUT 1 - voltage

- 0-10V
- +-10V
- Specific : from 0-0,1V to 10V
- No output 1

#### OUTPUT 2 - current

- 0-20mA
- 4-20mA
- Specific : from 0-1mA to 25mA
- No output 2

#### OTHER FEATURES

- Function :  $O = (K1 \times I1 + K2 \times I2) \times K$   
(K, K1, K2 to adjust on Purchase Order)

#### POWER SUPPLY

- 230VAC (-15%, +10%; 45 to 65Hz; 3VA max.; 3500Vrms)
- 115VAC (-15%, +10%; 45 to 65Hz; 3VA max.; 3500Vrms)
- 24VDC (5VA max.; 1kVrms)

#### ACCURACY

- > 0.1% L from 20 to 100% Full scale

#### TEMPERATURE RANGE

- -25 to 70°C

#### TEMPERATURE DRIFT

- < 50ppm/°C

**PRICE** On quote only

**WEB LINK** [Click here](#)

**SECTOR** ALL INDUSTRIES

**USAGE** MEASUREMENT

**WEIGHT** 420 g

**LENGTH** 121 mm

**WIDTH** 100 mm

**HEIGHT** 73 mm

**CUSTOMS CODE** 90 30 39 00 91

**C. OF ORIGIN** France

**GUARANTEE** 1 year

**CERTIFICATION** CE

**COMMERCIAL** [commercial@serem-electronics.com](mailto:commercial@serem-electronics.com)

## SA3

## 2 OR 3 CHANNEL ADDER



### TEMPERATURE OF CALIBRATION

- 20 to 25°C

### MAGNETIC FIELDS

- up to 150 Gauss in X, Y, Z dimensions

### CASING

- Polycarbonate case for DIN profile with junctions by screw terminals  
H73xW75xD121mm 420g without isolation  
H73xW100xD121mm 550g with isolation