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BATCH CONTROLLERS

S21Ex - BATCH CONTROLLER WITH ADVANCED FUNCTIONS IN EExd FLAME RETARDANT CASE

Metering system designed for use in areas with danger of explosion, based on the S21 batch controller housed in a flame retardant case.

The case is made of lightweight alloy with tropicalized steel fixing brackets and stainless steel external screws.



The internal walls of the case are treated with anti-condensate paint, RAL 2004, and the outside is powder coated, RAL 7000, with embossed effect.

A rectangular heat-resistant toughened glass window provides a full view of the batch controller displays.

All the programming and control buttons are located on the cover of the case.

This configuration makes the entire system flame retardant and explosion-proof with EEx d IIB T IP55 protection and CESI EX certificate of conformity in compliance with CENELEC EN 50.014 and EN 50.018 standards.

APPLICATION EXAMPLES

TECHNICAL DATA

- Power supply :
  S21EX-1-ST 115 / 230 Vac +/- 10% 50 / 60 Hz
  S21EX-23-ST 24 Vdc-ac +/- 10%
- Power consumption : 10 VA
- Inputs : contact, reed, 2/3 wires NPN sensor, PNP sensor, 12/24 Vdc pulse, NAMUR sensor, photoelectric sensor and HALL effect sensor
- Outputs: 2 relays with 1 SPDT changeover 5 A 250 Vac (resistive load)
- Operating temp. : 0 / + 50 °C
- Humidity : 90 % a 40 °C (non-condensing)
- Dimensions (b x h x d) : 300 x 400 x 214 mm
- Weight : approx. 25 kg.

ORDERING CODES

Code	Power supply
S21EX-1-ST	115 - 230 Vac
S21EX-23-ST	24 Vdc-ac

For more info please refer to the operating manual

Characteristics can be subject to change without notice

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