

AEC230X Contact Closure Current Generator

- Suitable for combinations of Process Inputs & Outputs
- True universal AC/DC supply voltage 21V through 265V AC/DC

Technical Specifications

Input

Contact closure Open Contacts: 4mA Closed Contacts: 20mA

Output

The standard output signal is range 4 / 20mA, other ranges for the open/closed input state are available on request. The current source can be up to 20mA with a drive voltage of 13V. The voltage source can be up to 10V's, maximum drive 20mA.

Other typical Output options

0/10mA, 0/20mA, 1/5mA, 0/2V, 0.4/2.0V, 1/5V, 2/10V, 0/10V

The mA output is configured as an Active/Source port as standard, however a Passive/Sinking output port option is available on request.

Performance

Response time: <100mS

Input O/C response: Downscale drive Accuracy: <±0.1% span

Isolation: 1000V RMS Input/Output/Supply

Supply

Typical Burden on 24Vdc supply <1.3W Max Typical Burden on AC supply range 3W

Environmental Conditions

Storage Temperature: -20°C to +70°C

Operating Ambient: 0°C to +55°C
Relative Humidity: 5% to 95% RH (Non-Condensing) EMC: 2014/30/EU, EN 61326-1:2013 (Controlled EM)

Dimensions

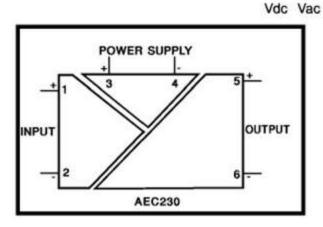
H: 75mm W:22.5mm D:105mm

Mounting

Din Rail - TS35

Output 1 O/P1 AMELEC O SPAN CH-1 → ZERO AEC230AC/DC I/P P/S Input +Ve L

WIRING



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