

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

