



## Intelligent Power and Control Systems

Wuerth Elektronik ICS develops and manufactures printed circuit board-based systems for signal and power distribution, electronic control, display & control panels. From simple components to complete system solutions, customers from industry, construction, agro-machinery, commercial & special vehicles can rely on our wide product range.

### Wuerth Elektronik India Pvt. Ltd.

5th Floor, North Block  
#51, Stock Exchange Towers  
J.C. Road, Bengaluru – 560 027

**Web:** [www.we-online.com](http://www.we-online.com)

**Mail:** [ics.sales-india@we-online.com](mailto:ics.sales-india@we-online.com)

**Mob:** +91 96866 92664

# Würth Elektronik India



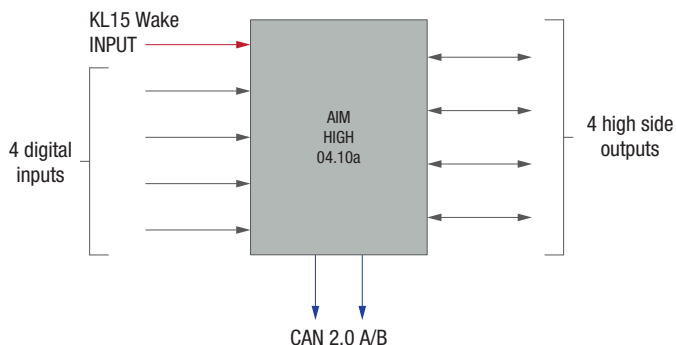
## Automotive Intelligent Module



AIM HIGH 0410A

**Smart CAN Module  
with 4 High Side Outputs**

## 1.0 Technical Specification



AIM is the short for Automotive Intelligent Modules with CAN communication protocol laying the foundation for the entire series.

AIM HIGH 0410A is one of the products of the AIM series, which has 4 high side outputs with 10A each of load current capability.

### 1.1 Highlights

- a. Diagnostic current sensing.
- b. Diagnostic data on can bus.
- c. Open load, overload & short circuit detection & protection.
- d. Most suitable for resistive & capacitive loads.

## 2.0 Technical Details

Inputs	
<b>Activation Pin</b>	KL 15
<b>Digital Input</b>	Switch ON / Switch OFF
CAN	
<b>CAN 2.0A</b>	KL 15
<b>CAN 2.0B</b>	Switch ON / Switch OFF
<b>BAUD RATE</b>	50kbps to 1Mbps

Outputs	
<b>Digital Output</b>	4 high side outputs with load current Max 10a each
<b>PWM Capable</b>	Yes
<b>PWM Frequency</b>	MAX. 1kHz
<b>PWM Duty Cycle</b>	0 to 100%
<b>PWM Resolution</b>	0.1%

Specification	
<b>Connector</b>	MOLEX 150 – 20 PINS Mates with 0334722001
<b>Dimension</b>	101x 85 x 34
<b>Operating range</b>	9V to 20V
<b>Operating temperature</b>	-40°C to 124°C
<b>Ingress protection</b>	IP69
<b>Clock frequency</b>	40MHz
<b>Flash memory</b>	128 kB
<b>Ram</b>	16 kB

## AIM HIGH 0410A

