

# Bosch 4 channel Ignition module BIM211



**Brand:** Bosch Motorsport

**Product Code:** BOS0227100211

**Availability:** 7 Days

**Weight:** 0.10kg

**Dimensions:** 10.00cm x 5.00cm x 2.00cm

**Price:** \$294.53

## Short Description

4 Channel power transistor module that works well with our BAE series ignition coils

## Description

This module is an external ignition power stage capable of supplying up to four non-transistorized ignition coils. The IM input signal should be supplied by an ECU with ignition signal outputs in the range of 10 to 20 mA, e.g. MS 4 Sport. The IM unit combines the robustness of a high quality production part with good electrical performance to provide an ideal solution for adapting non-transistorized coils to an ECU without internal ignition driver stages.

## Specifications

- Primary current ? 8.5 A
- Clamp voltage  $380 \pm 30$  V
- Operating temperature range at measuring point -40 to 120°C
- Storage temperature range -40 to 130°C
- Max. rpm (ensure chilled mounting position) 8,000
- Max. vibration 400 m/s<sup>2</sup> at 5 to 2,500 Hz
- Size 70.5 x 68 x 20 mm

- Weight w/o wire 54 g
- Mounting 2 x M4 screws with spring washer
- UBatt typical 13.5 V
- Voltage supply 6 to 16.5 V
- IB high active on min. 10 mA
- IB low off 0 mA IB 10 to 22 mA
- IC typical < 8.5 A
- IC max. at TU < 120°C < 10 A
- UCE satt at IC = 5 A < 3V
- UCE satt at IC max < 9 V