



PB SERIES MOTOR PROTECTOR AND THERMAL SAFETY CUT-OUT



The PB Series has been designed to offer the Automotive Industry over current and temperature protection for a wide range of 12 volt and 24 volt applications in a minimum package size.

The PB is the smallest high performance cut-out on the market. Its unique design gives an excellent on to off switching ratio, resulting in reduced motor winding temperatures.

The PB Series is suitable for both intermittent and continuously rated motors and is available in a full range of current and temperature sensitive combinations in colour coded covers.

The PB is available with a wide variety of terminal arrangements to provide flexibility of installation within the motor and is also designed for automatic bowl feeding in production assembly lines.



FEATURES

- * Wide performance range
- * Durable and robust construction
- * High contact pressure across the ambient temperature range
- * Low ambient (-40°C) motor protection
- * Meets all the requirements of 48 and 90 hour stall tests
- * Terminal Options
- * Insulated covers, colour coded for customer identification
- * Suitable for bowl feeding

TECHNICAL DATA

	PBA	PBC
Voltage Range	9 to 15 Volts	9 to 30 Volts
Min Switching Current *	6 amps	3 amps
Max Switching Current*	40 amps	10 amps
Max Carry Current *	15 amps	7 amps

Measurements carried out in 20°C ambient*

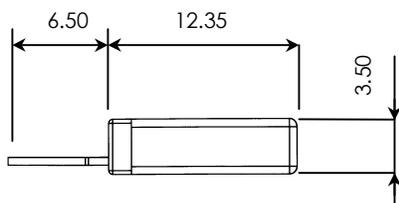
Approved to IEC 60730-2-2

Specification: Please refer to the PBA Manual for specific switch specifications

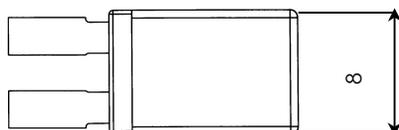
Terminal Material: Brass, Nickel Silver and Copper Nickel

Terminal Options: Folds and Crops are available on request with options for Welding and Soldering

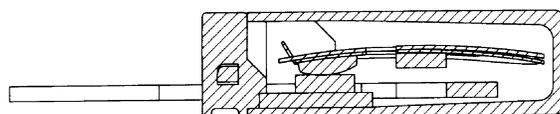
STANDARD CONFIGURATION



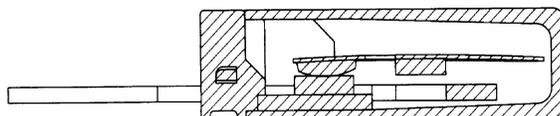
Scale 2:1



PBA CROSS SECTION



PBC CROSS SECTION



Scale 4:1

For detailed drawings, specific data, samples and application test work, please contact our Sales Office.

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The product(s) described here are subject to patents or patent applications worldwide

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