



# B4 SERIES VEHICLE WIRING HARNESS PROTECTOR

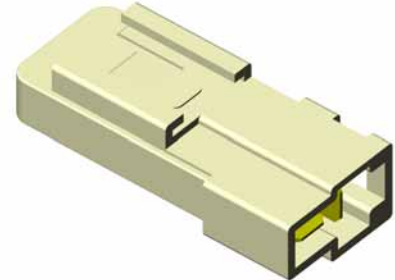


The B4 series offers a cost effective solution to Vehicle and Wiring Harness manufacturers to protect against the possibility of serious overload which can damage the harness.

The improvement in vehicle equipment specification include such features as electric window lifts, sun roofs and seat adjust systems. This has resulted in the event of a motor fault, leading to motor stalling, the wiring harness has had to carry, often for lengthy periods, much higher currents than its rating. This can lead to deterioration in the harness insulation.

The B4 overcurrent, auto reset cut-out is designed to limit the duration of these high currents, thereby protecting the wiring harness.

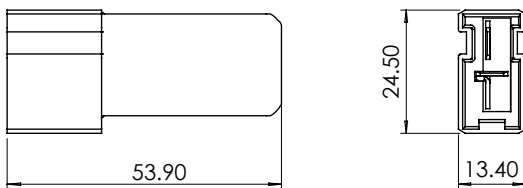
The B4 cut-out is designed to connect with standard vehicle harness connectors and a range of fixing options are available.



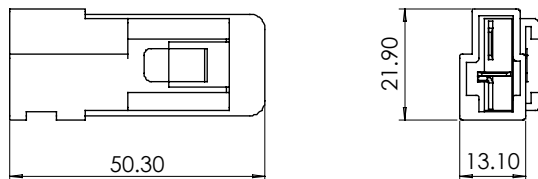
## TECHNICAL DATA

|                         |   |
|-------------------------|---|
| DC Rating:              | 20 Amps at 12 Volts for 35,000 cycles       |
| Temperature Range:      | Min 55°C to max 155°C                       |
| Ambient Temperature:    | 50°C above set temperature<br>Or 200°C max. |
| Tolerance:              | From $\pm 5^\circ\text{C}$                  |
| Short Circuit Breaking: | 80 Amps (Inductive)<br>150 Amps (Resistive) |

## STANDARD CONFIGURATIONS



[Yazaki - connector type 7123-6020]

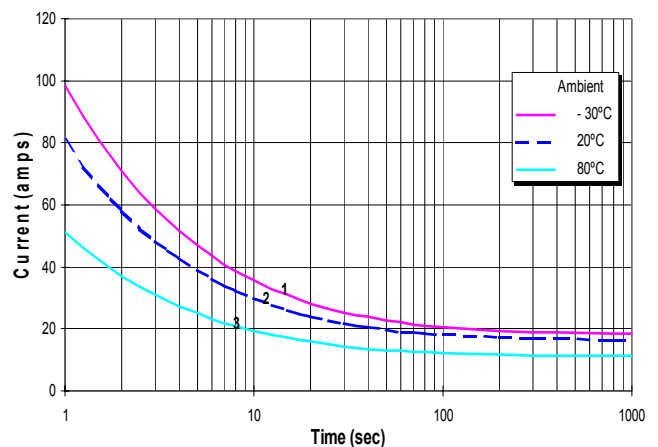


[Yazaki - connector type 7123-2820]

## FEATURES

- High Current Switching
- Insulated Cover
- Robust Construction
- Positive 'Snap Action'
- Suitable for Automotive Environment
- Wide Performance Range

## TYPICAL B4 SPECIFICATION



These curves are intended as a guide only.  
Further details available on request.

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

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