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Intelligent Power & Control Systems

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Central Electrical Unit

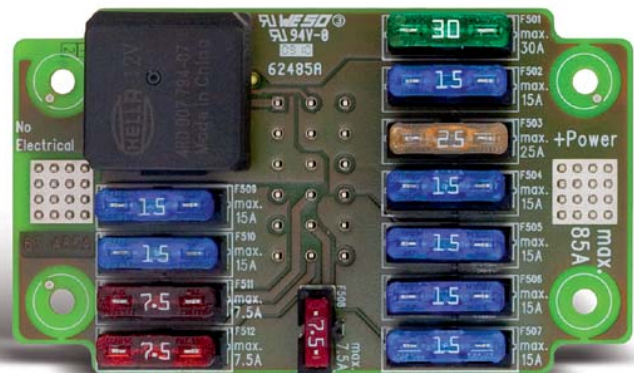
12-1 Module

Ref : 63485A

REDLINE

Features

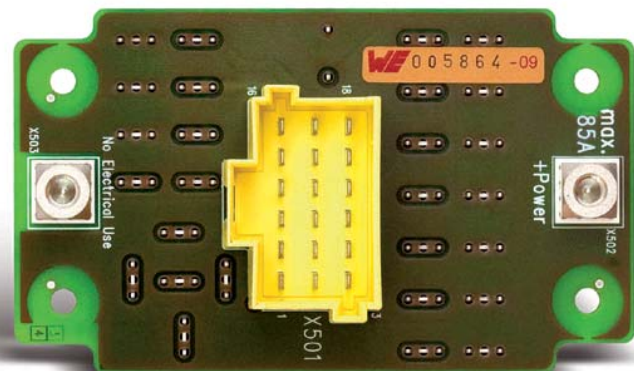
- Power supply 12 V or 24 V onto Powerelement (+Power)
- 10 ATO fuseholders (up to 25 A)
- 1 ATO fuseholder (up to 30 A) for relay protection
- 1 MINI fuseholder (up to 7.5 A)
- 1 mini relay base
- Cable harness connection on the rear side of the module via JPT/MCP compatible, 3 row / 18 way connector



Front View

Options

- Fly wheel diode (SM4007) in parallel of relay coil
- Installation of fuses and / or relays according to customer requirements



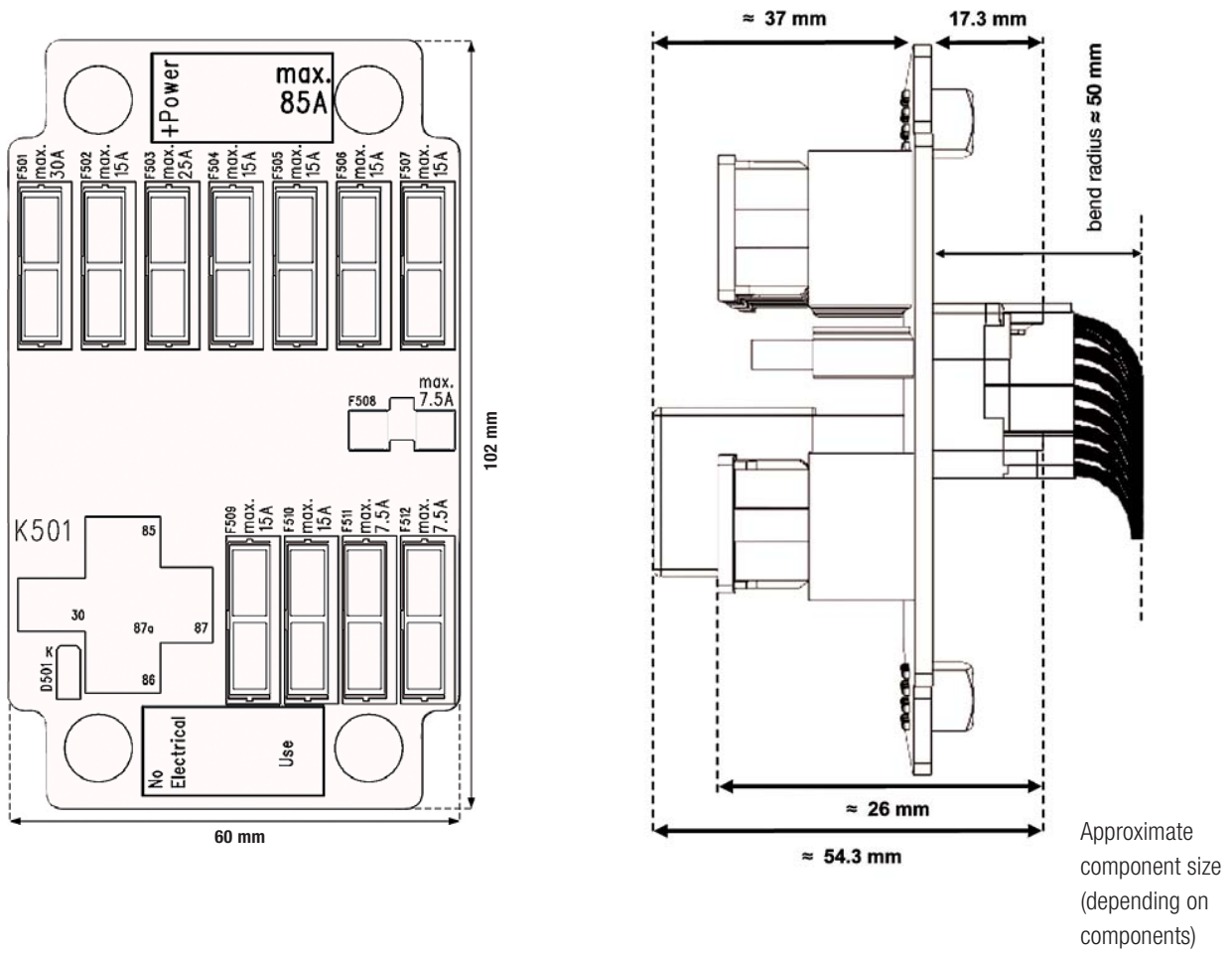
Rear View

Applications

Switching and protection of common functions in vehicles such as front and rear lights, fuel pump, radio, clock, accessories, air conditioning, ABS, light switches etc.

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Dimensions



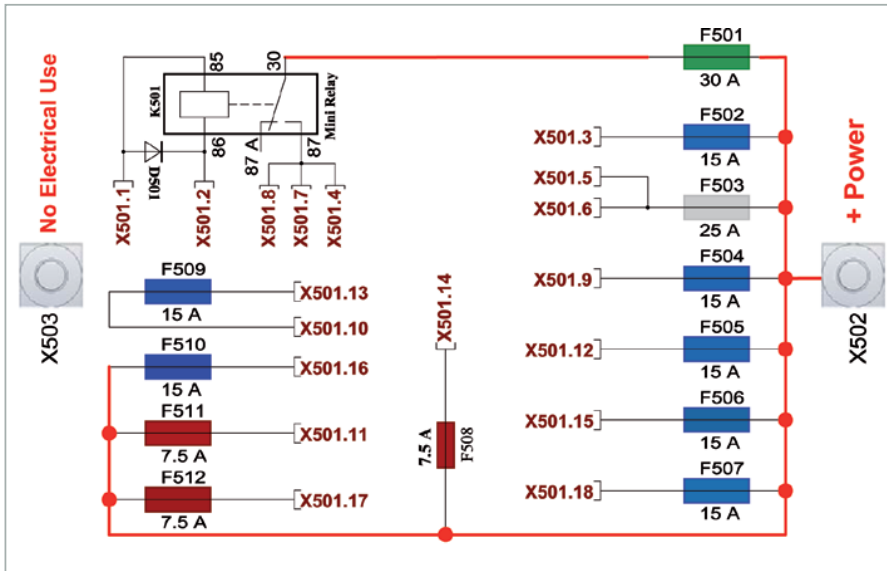
Technical Data

Temperature range	-40 °C to +80 °C
Max. supply current	Max. 85 A by 80 °C ambient
Output connection	JPT/MCP compatible, 3 row / 18 way yellow connector
Input connection (power stud)	Powerelement female M5 16 pins Max. mounting torque: 2.2 Nm



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Electrical Schematic

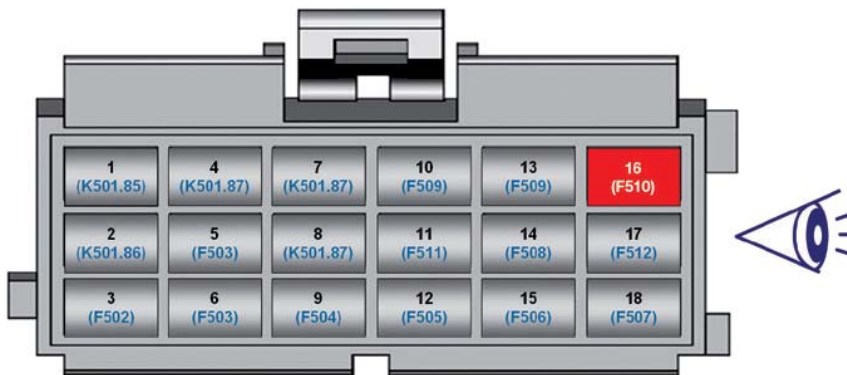


Fuse Rate Table

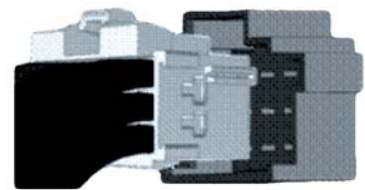
Fuse connected to +Power	Amperate Max.
2 ATO 1 MINI	7.5 A
6	15 A
1	25 A
1	30 A

Stand alone fuse	Amperate Max.
1	15 A

Connector: 1 yellow JPT 18 (X501)



Female connector required for cable harness connection (view on cable entry)



Male Plug on board

Pin outs on the connector correspond to the associated component on the board.
(i.e. component F510 is connected to pin 16 from connector X501)