

Würth Elektronik ICS GmbH & Co. KG  
 Intelligent Connecting Systems  
 Zeilbaumweg 15 · 74613 Öhringen · Germany  
 Tel. +49 (0) 79 41 92 05-0 · Fax +49 (0) 79 41 92 05-39  
 ics@we-online.com · www.we-online.com



## Central Electrical Unit

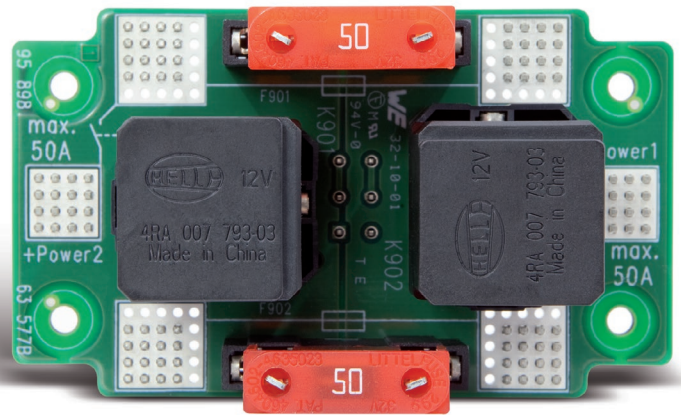
# 2MF-2PR Module

Ref. ICS-95898

REDLINE

### Features

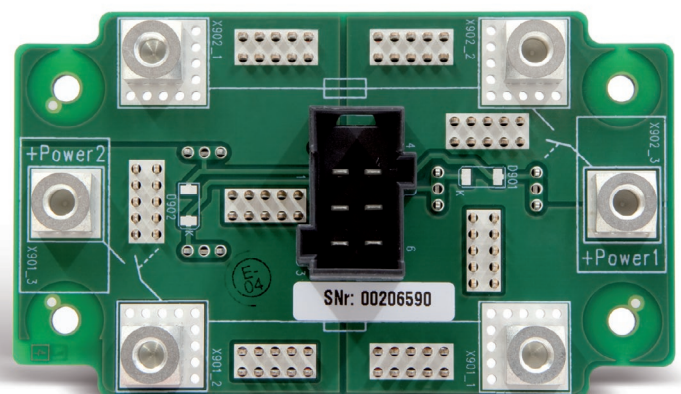
- Power supply 12V or 24V
- 2 maxi fuseholders
- 2 power relay bases
- 6 power elements for input/output:
  - 3 power elements per circuit
  - A circuit is composed by one power relay and one maxi fuse
- Cable harness connection on the rear side of the module via JPT/MCP compatible: 3 row, 6 way connector



Front View

### Options

- Fly wheel diode (SM4007) in parallel of relay coil
- Standard power relays
- Standard maxi fuses



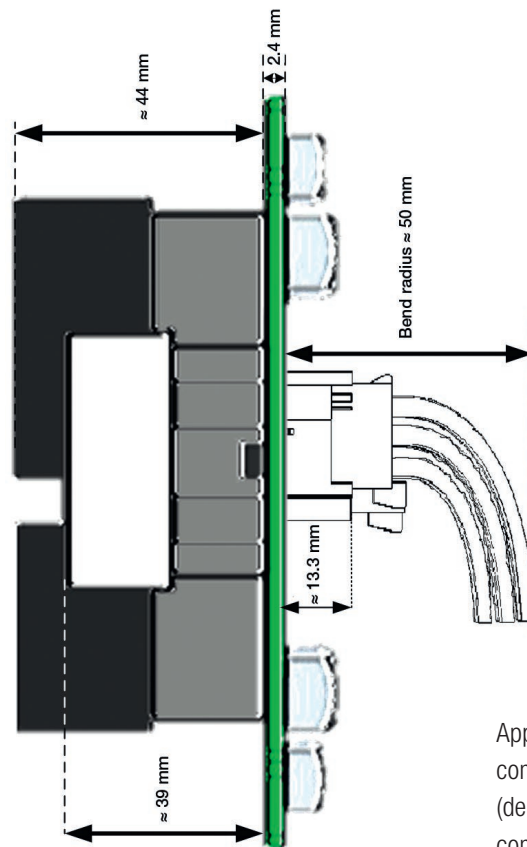
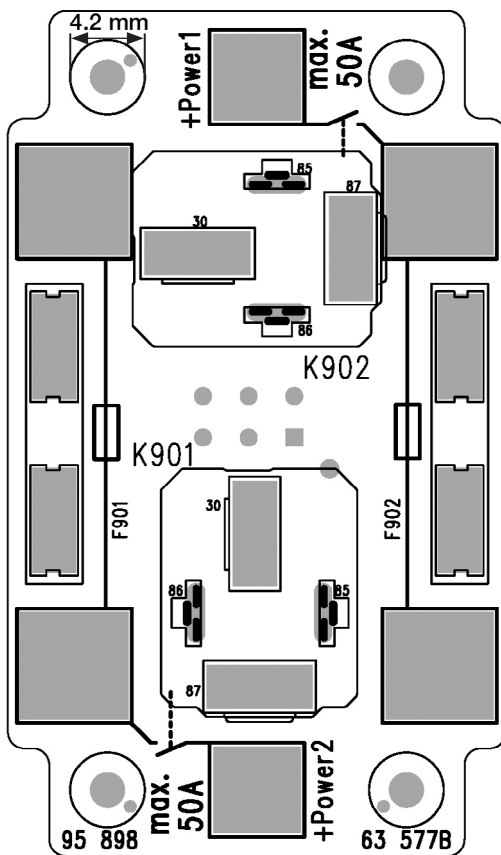
Rear View

### Applications

Common functions such as HVAC, ABS, etc.

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## Dimensions



Approximate component size (depending on components)

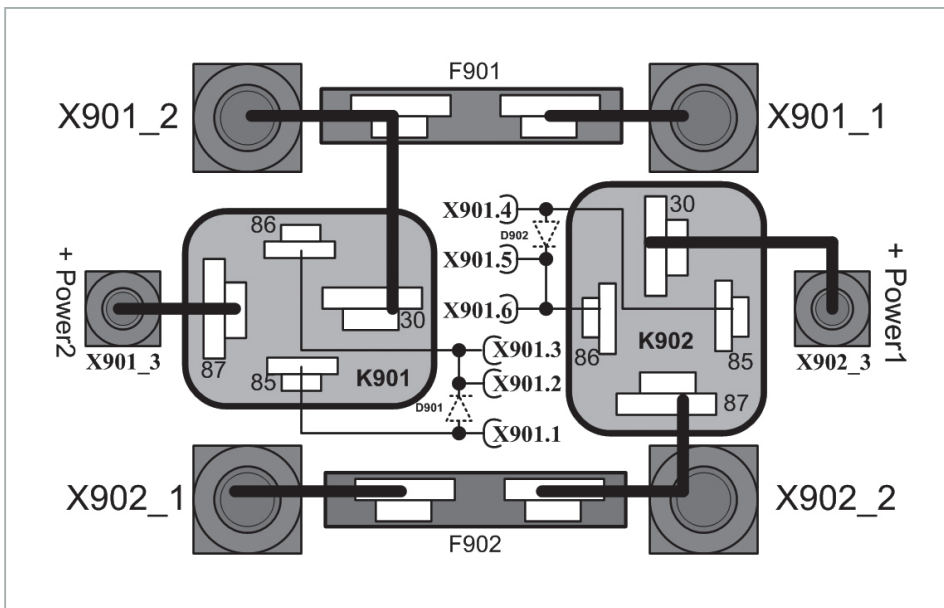
## Technical Data

Temperature range	-40 F to +176 F
Max. supply current	Max. 70A by 68 F ambient Max. 50A by 104 F ambient Max. 35A by 140 F ambient
Relay coils connection	JPT/MCP compatible: 3 row, 6 way connector
Input / Output connection (power stud)	Power element female M5, 16 pins Max. mounting torque: 2.2 Nm
	Power element female M6, 25 pins Max. mounting torque: 3.9 Nm
Recommended wire section*	Current I ≤ 15A: 7.5A per mm <sup>2</sup> Current I > 15A: 5A per mm <sup>2</sup>

\* Refer to the selected cable specification

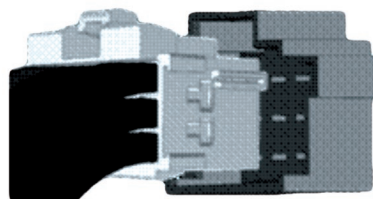
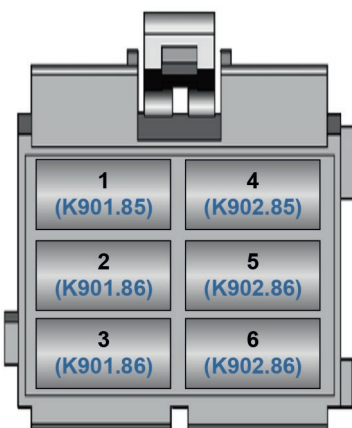
# Central Electrical Unit 2MF-2PR Module

## Electrical Schematic



**!** Max. current on the board should not exceed 50A per circuit.

## Connector: JPT 6 black (X901)



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

Pinout on the connector corresponds to the associated component on the board.  
(i.e. component K902.86 is connected to pin 6 from connector X901).