

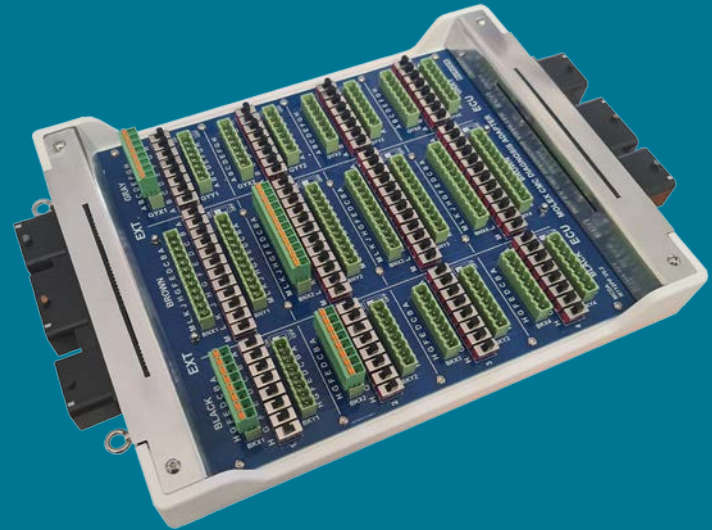
# DIAGNOSIS ADAPTER FOR MOLEX® CMC CONNECTORS

Transparent In-Circuit test adapter for service, commissioning, development and training

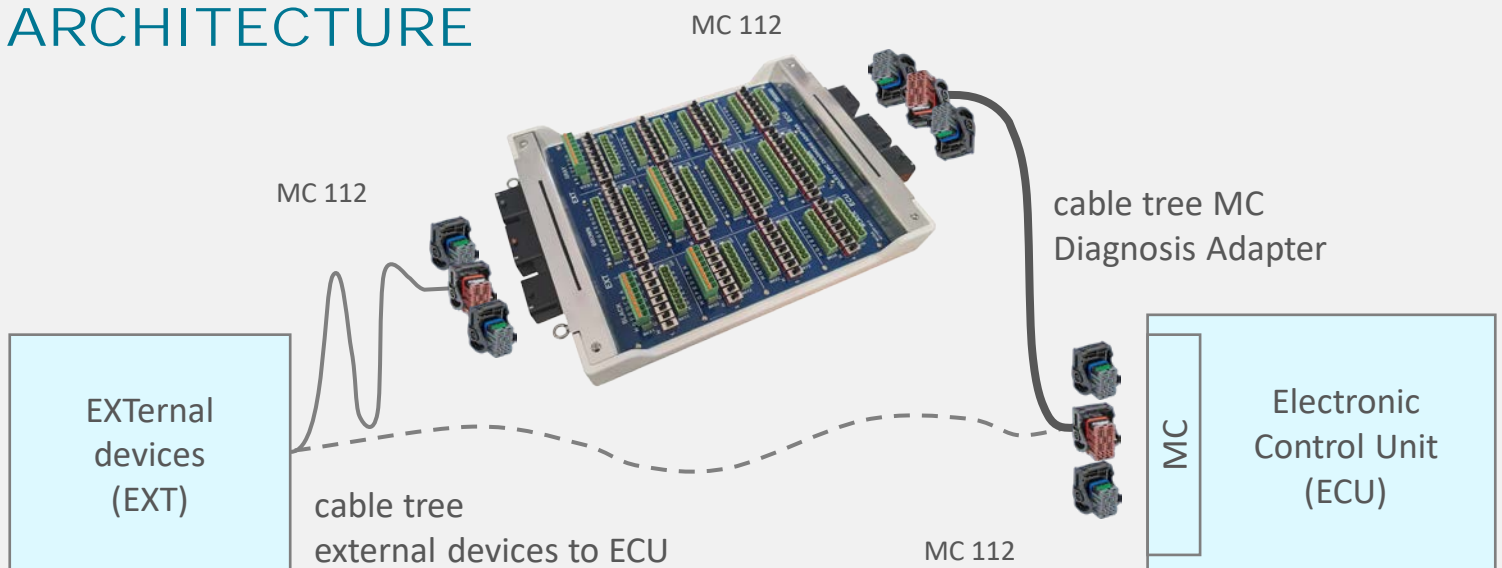
## OVERVIEW

MOLEX CNC connectors are modular, sealed, high-density hybrid connectors. Beyond many advantages of these wide used connectors in automotive and other industries, coming with this design, especially in-circuit-measurement and intervention of devices that use this connector type is impeded and limited.

The MC Diagnosis Adapter is a flexible, powerful device for performing measurement, control, monitoring or diagnosis tasks of devices that are built with MC 112 pin connectors. Each connection of the CMC connector is available on the Diagnosis Adapter. It can be opened or closed by applying a sliding switch. Two connection points on both sides of the related sliding switch can be accessed over terminal connectors for a wide range of diagnosis and control tasks.

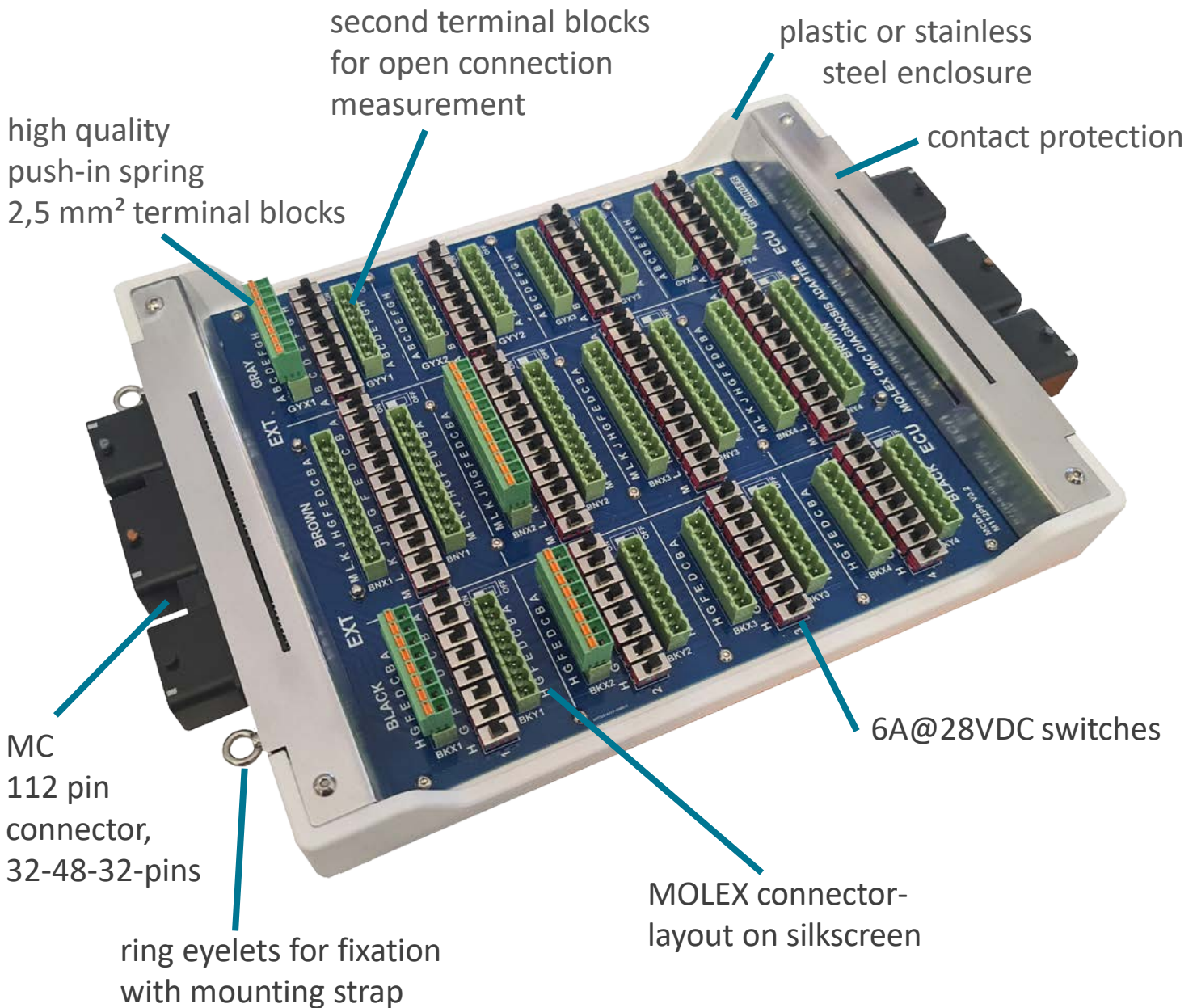


## ARCHITECTURE



# DIAGNOSIS ADAPTER FOR MOLEX® CMC CONNECTORS

## FEATURES

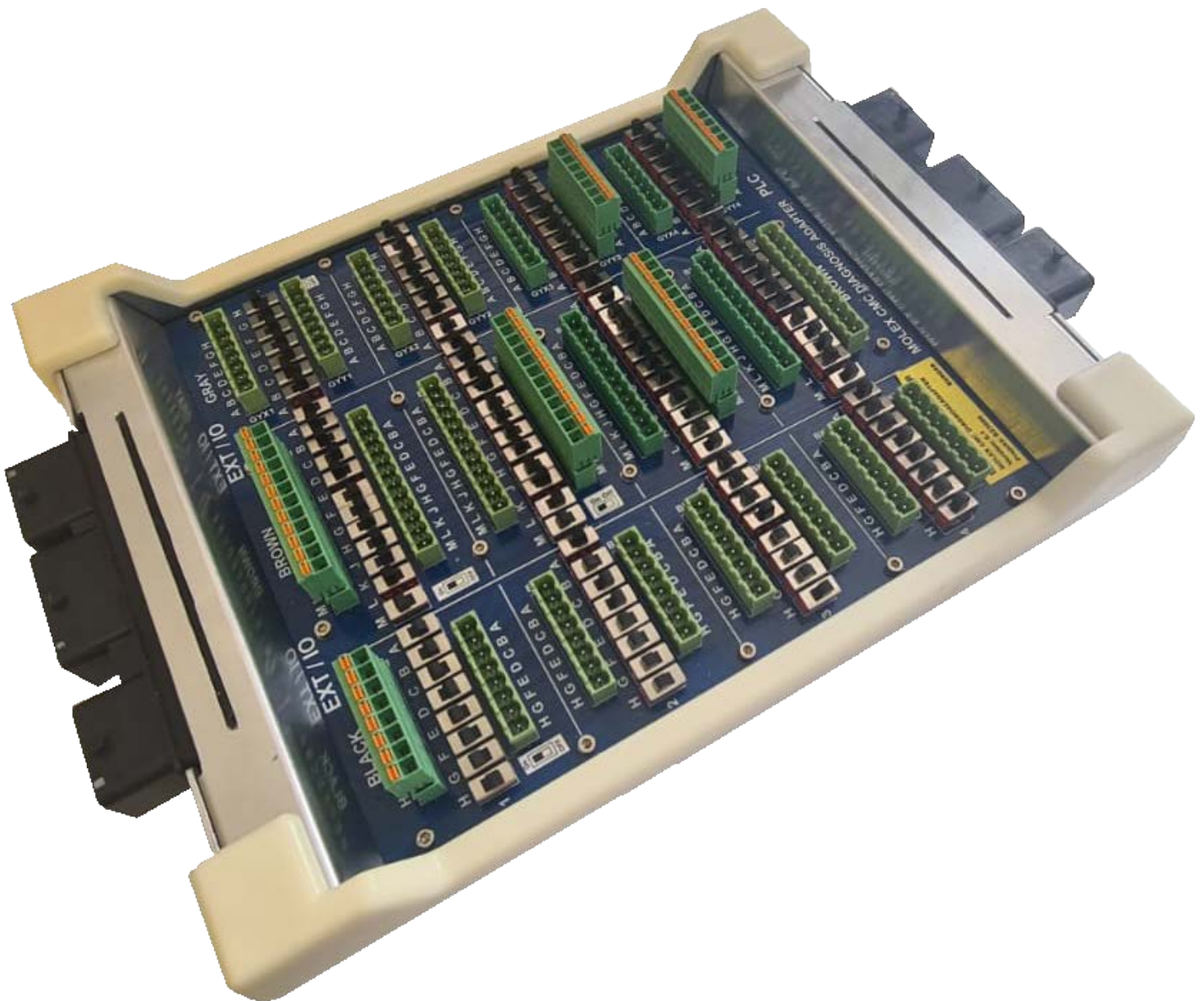


MC Diagnosis Adapter in plastic enclosure  
Dimensions: 368 mm x 250 mm x 44 mm  
Weight: 1.400 g

# BURGER

# DIAGNOSIS ADAPTER FOR MOLEX® CMC CONNECTORS

DIAGNOSIS ADAPTER WITH  
STAINLESS STEEL ENCLOSURE



Dimensions: 368 mm x 250 mm x 51 mm

Weight 1.750 g

# BURGER

# DIAGNOSIS ADAPTER FOR MOLEX® CMC CONNECTORS

## WIRING HARNESS



The wiring harness for the MC Diagnosis Adapter connects the adapter with an external control system. Each connector-pocket has a separate wiring harness

## FEATURES

### Protection for harsh environment

- Tightly woven Nylon® for perfect cable protection
- 1.1 mm wall thickness protects wiring harness from weather, sunlight and abrasion damage
- Slewing braid also prevents from scraping, chafing and contact damage to painted or other fragile surfaces
- Resistant to chemicals, UV damage and rot, and is suitable for continuous outdoor use under all weather conditions

### Resistant automotive cable

- Wiring harness made of single-core, hot deformation resistant auto-motive cable with reduced wall-thickness
- Nominal cross sections 0.5 mm<sup>2</sup> and 1.0 mm<sup>3</sup> wires

# DIAGNOSIS ADAPTER FOR MOLEX® CMC CONNECTORS

## MCDA M112PP-KIT



### General properties

<b>Description</b>	MC Diagnosis Adapter-Kit (part no 20121), 112-pin version, with 2 m length harness, a complete set of terminal connectors and transport case
<b>Dimensions</b>	500 mm x 380 mm x 140 mm
<b>Weight</b>	7,7 k g

### Scope of delivery

<b>Description</b>	MOLEX-M112PP Diagnosis Adapter-Kit
<b>Delivery</b>	<ul style="list-style-type: none"> <li>▪ 1 pcs MC Diagnosis Adapter transport case, 112-pin version (part no 20006)</li> <li>▪ 1 pcs wiring harness 1,9 m, 112 pin with selected coding (part no 20014)</li> <li>▪ 1 pcs complete set of premium terminal connectors (part no 20028)</li> <li>▪ 2 + 2 pcs Safety silicone measuring lead 4 mm banana to 1.5 mm<sup>2</sup> ferule, 1 m, black/red</li> <li>▪ 1 pcs mounting strap, Nylon®, width 2 cm, adjustable length 40 - 60 cm, black</li> <li>▪ 1 pcs transport case ORSY® with inlay (part no 20024)</li> <li>▪ 1 pcs system bag for case</li> </ul>
<b>Part no</b>	<b>20057</b>

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### TRANSPARENT IN-CIRCUIT TEST ADAPTER FOR..

- SERVICE
- COMMISSIONING
- DEVELOPMENT
- AND TRAINING

### APPLICATIONS

- Multiple measurement tasks as In-Circuit voltage, current and RLC-measurement between ECU, sensors and actors
- Short circuit and connection break detection
- Interface for measurement equipment like multi meters, oscilloscopes etc.
- External injection of control, test and stimulation signals
- Wiring harness test

### ACCESSOIRS

Further adapters and measurement equipment see catalogue

#### Contact

BURGER  
6771 St. Anton i. M. 17  
AUSTRIA  
geburger@iplace.at  
+43-(0)650 44 15 94  
[www.mcda.at](http://www.mcda.at)