

baumann

# mcs

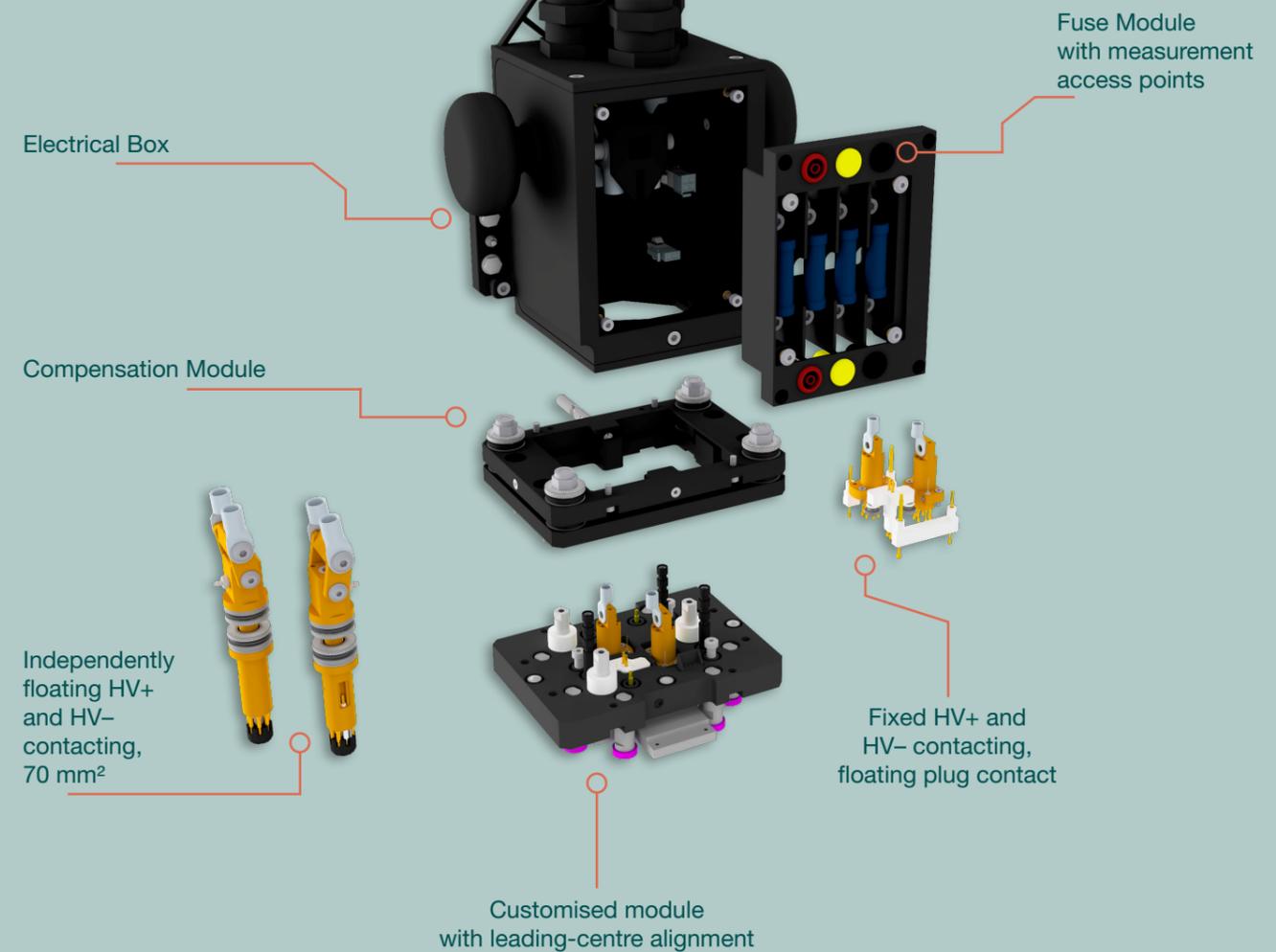


# MODULAR CONTACTING SYSTEM

Our modular contact systems provide reliable solutions – from laboratory use to series production. Flexible, precise, and designed to meet the highest standards, they cover all key areas: high-voltage contacting for safe applications in power environments, low-voltage solutions for sensitive signal transmission, and FPC contacting for flexible printed circuits. This enables efficient testing processes and seamless integration into series production.

## HV CONTACTING

The individual modules can be freely configured according to customer requirements. Thanks to the modular design, contacting from the prototype phase through to series production can be implemented using a single adapter.



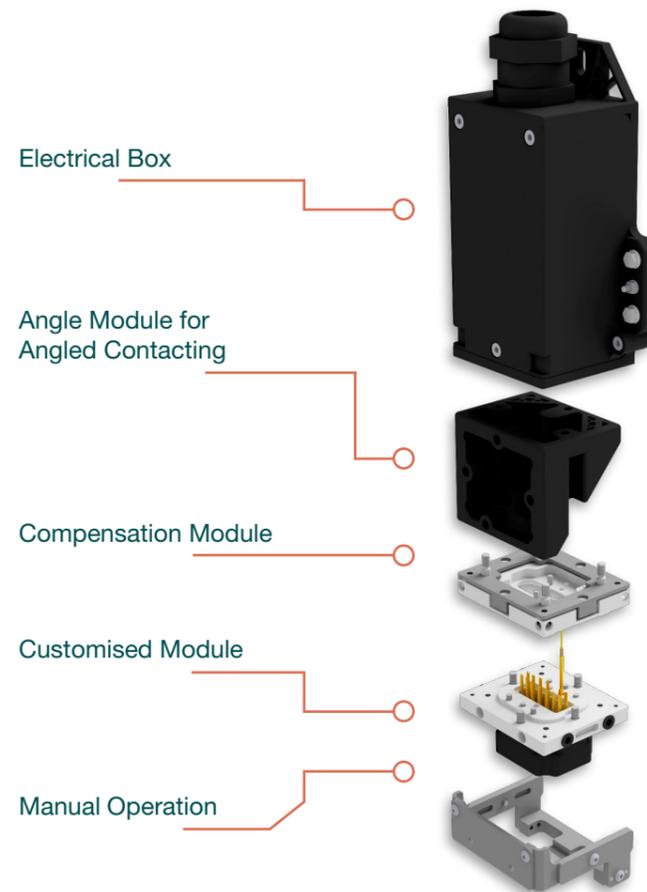
### Key Facts:

- Dimensions: 210 mm x 135 mm x 250 mm
- Weight: 4.75 kg without cable harness
- Current Rating: 300 amps continuous load
- Voltage Resistance: 3000 volts
- Tolerance Compensation: X and Y axis:  $\pm 2$  mm  
2 mm angular compensation  
Additional  $\pm 1.7$  mm for HV+ and HV-
- Continuous temperature monitoring for HV+ and HV-
- Air cooling
- Fuse module with measurement taps
- Leading-centre alignment with contact protection
- Two safety contacts integrated into the system safety circuit
- Ball bearing guides

# LV CONTACTING

Comparable modular design to that of HV contacting.  
Available in either the Standard or Lean variant.

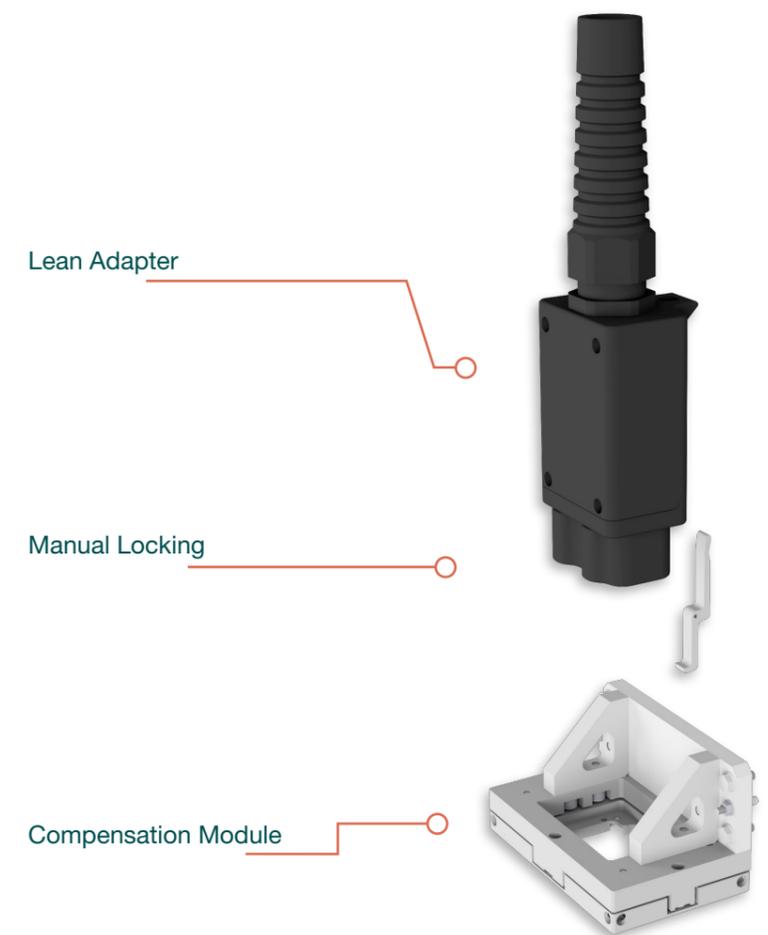
## LV STANDARD



### Key Facts:

- Dimensions: 100 mm x 70 mm x 200 mm
- Weight: 0,75 kg without cable set
- Tolerance Compensation: X and Y axis:  $\pm 1.5$  mm  
1 mm angular compensation
- Integrated measurement taps (in standard variant)
- Leading-centre alignment with contact protection
- One safety contact integrated into the system safety circuit

## LV LEAN

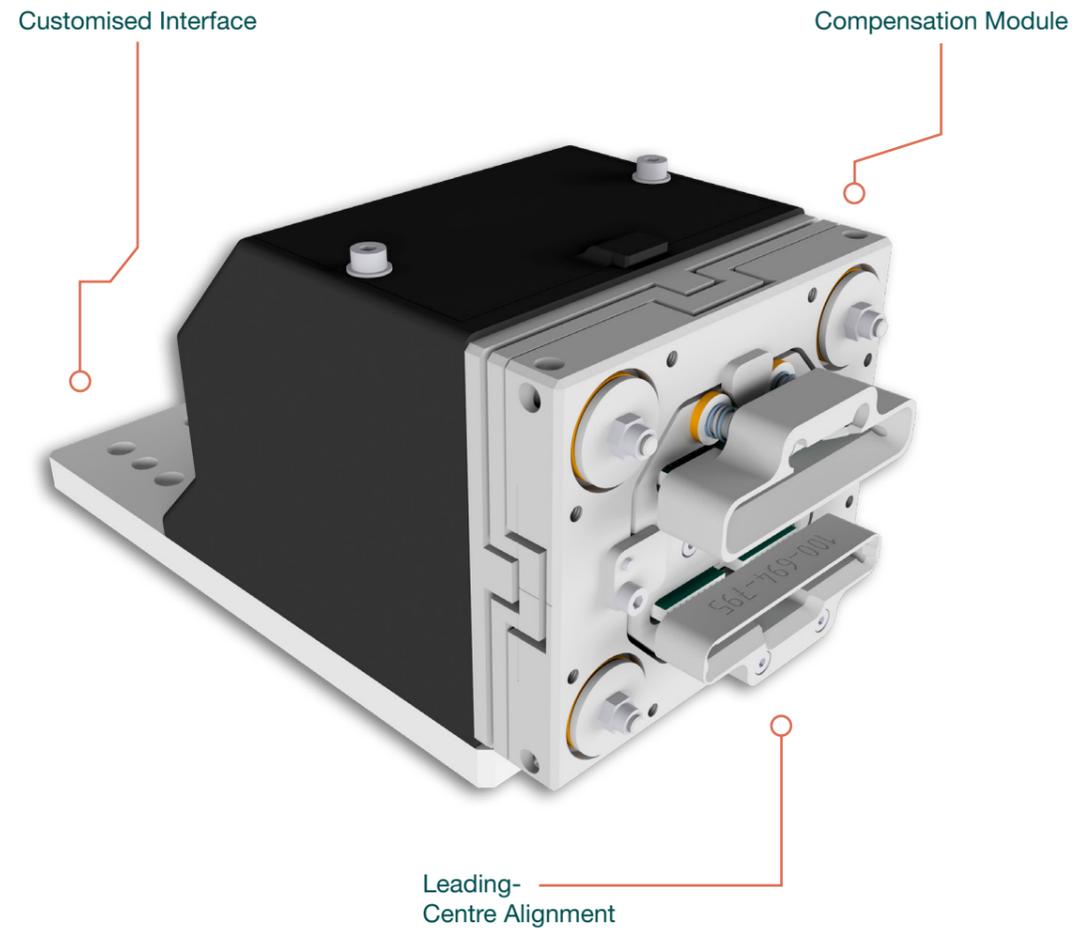


### Key Facts:

- Dimensions: 60 mm x 44 mm x 114 mm
- Weight: 0,4 kg without cable set
- Tolerance Compensation: X and Y axis:  $\pm 1.5$  mm  
1 mm angular compensation
- Integrated measurement taps (in standard variant)
- Leading-centre alignment with contact protection
- One safety contact integrated into the system safety circuit
- Spring-Loaded Contact Pin

# FPC CONTACTING

The contacting system is designed for automated operation. The product is handled automatically (e.g. by a robot) and, depending on the configuration of the customer's product, fed into the corresponding contacting unit.



## Key Facts:

- Dimensions: 175 mm x 80 mm x 80 mm
- Weight: 2 kg without cable set
- Tolerance compensation via ball bearing support: X and Y axis:  $\pm 1.5$  mm  
2 mm angular compensation
- Damage-free contacting via spring elements
- Easy maintenance thanks to easily accessible and pluggable contacting system

BAUMANN DELIVERS COMPLETE SOLUTIONS – FROM TESTING TECHNOLOGY TO CONTACTING SYSTEMS!



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