

## Product Information

# MIC Ignition Controllers

## Introduction of Modifications from March 2022

As part of the continuous improvement of our products, a new sealing concept will be gradually introduced in all ignition controllers of the MIC3+, MIC4 and MIC5 series in the first quarter of 2022.

The new sealing concept, which is already being used in the production of the MIC6 series, will then be applied to the “Light Duty” and “Heavy Duty” device versions. MIC4 series “Panel Mount” devices are not affected by this adjustment.

The modifications will be introduced into the production of the respective controller series as follows:

- MIC3+      March 2022
- MIC4      April 2022
- MIC5      May 2022



### New Sealing Concept: Improvement of the Protection

The current sealing of the controllers **1** is done by internal seals, each embedded in the cover.

In future, the new sealing concept **2** will consist of a circumferential silicone seal, which will be mounted overlapping between the upper and lower cover and the housing.

In addition to the new seal for the upper and lower housing cover, the service cover **3** for the corresponding device versions of the MIC4 and MIC5 series will also be provided with a new internal seal.

With the new sealing concept, even greater tightness is achieved. With the introduction of the new seals, the ignition control units mentioned will then meet the requirements of protection class IP69.



**MIC3+**  
MOTORTECH IGNITION CONTROLLER



**MIC4**  
MOTORTECH IGNITION CONTROLLER



**MIC5**  
MOTORTECH IGNITION CONTROLLER

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Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	Yes
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## Product Information

### Mechanical Adaptation

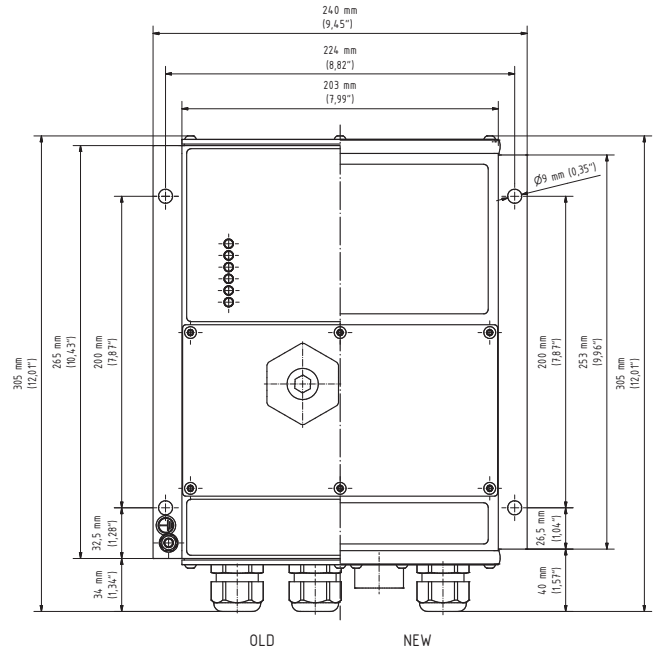
Mechanical adaptation of the controller housings and all covers is necessary to integrate the new sealing concept. Despite the adaptation, the original dimensions and hole spacing for mounting the controllers remain unchanged.

In addition, the metal plates on the front of the controllers are reduced in height due to the now overlapping seals.

### Certification

In order to continue to meet the requirements of the CSA certification of our ignition controllers, all warnings are displayed bilingually in English and French.

As part of the changeover, the sticker attached to the side of the housing will also be adapted. In order to meet the requirement for CE marking of our devices, MOTORTECH is always named as the manufacturer in addition to the part and serial number.



Example MIC4 Light Duty

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OEM partners	Yes
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