



IMSA TECHNICAL MEMO IWSC #21-04

To: IMSA WeatherTech SportsCar Championship Competitors

From: IMSA Competition

Date: 19 April 2021

Re: CAN Isolation Module Mandatory Update

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MoTeC CAN Isolator Module #PV0265 is required by the Technical Regulations for all IWSC classes. These units ensure the correct operation of the scrutineering and timing systems in the Car in the event of a leader light(s) sustaining damage. There is one CAN Isolator Module per leader light panel. These modules were requested to be removed at the Daytona event earlier this year due to a systemic issue.

IMSA has worked with MoTeC to resolve the issue. The units will now need to be placed in the Car in a location that maintains less than 70°C ambient temperatures at all times. Please see the updated data sheet for details available at www.motecusa.com.

IMSA and MoTeC also require all distributed units to be returned to be tested and updated to the current v1.04 firmware before the next Event so that temperatures can be monitored to assist in troubleshooting and deployment concerns. A MoTeC USA Return Material Authorization (RMA) must be completed online at www.motecusa.com by each team sending in the units for the update. Units will be processed and returned to teams on a first-come, first-served basis.

In addition, when sending units for return the following information should be included:

- Clear identification (as the units have no serial numbers)
- Documentation of any issues experienced with these boxes and whether they have, insofar as it is possible to know, seen ambient temperatures greater than 70°C
- Documentation of any new proposed location (if there are concerns regarding the temperature of the previous location) including any new requirements for extension harness between the isolator and the leader light panel.
- MoTeC has inventory of extension harnesses in lengths of 2', 4', and 6'. The extension harness (if needed) must be installed between the CAN Isolator Module and the leader light panel. Please inform MoTeC of your specific length requirements when sending the CAN Isolator Modules for the mandatory update.

In summary, CAN Isolator Modules with v1.04 firmware must be refitted in locations with less than 70°C ambient temperatures for the next IMSA Event.