

Allen-Bradley 1771-HODS Manual

Brand	Allen-Bradley
Product Series	1746 1747
Product Type	Converter Option ODS

Description

The 1771-HODS Converter Option ODS module is manufactured by Allen-Bradley/Rockwell Automation as part of the PLC-5 series which is used with the 123 Motion Control System. The module can be used with the ODS configuration, which helps to connect both the ODS terminal as well as the handheld pendant to the motion controller module. Technical specifications for 1771-HODS

Brand Allen-Bradley / Rockwell Automation

Series PLC 5

Part Number 1771-HODS

Termination Panels 4 Available

Module Type Converter Option ODS

Compatibility 123 Motion Control System

Communication RS-232, RS-422

Longline Option 1771-HLL

Mounting DIN Rail

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The 1771-HODS module is a Converter Option ODS module that is manufactured by Allen-Bradley/Rockwell Automation as part of the PLC 5 module series and which is used with the 123 Motion Control System. The module can be used with ODS configuration, which helps it to connect both the ODS terminal and the handheld pendant to the motion controller module. The handheld pendant can be connected up to 8 meters (25 cable feet) away from the RS-232 communication port on the motion controller module, and the ODS terminal can be connected up to 393 meters (1200 cable feet) away from the RS-422 communication connector on the motion controller module. The handheld pendant can also be used with the ODS and longline option with the Allen-Bradley 1771-HODS module. This longline option enables the users to connect the handheld pendant and ODS up to 393 meters away from the motion controller module.

When using the 1771-HODS module with the longline option, this module can be used to extend the ODS terminal connection up to 1200 feet away from the RS-422 connector. The 1771-HLL longline option can be used to extend the handheld pendant up to 1200 feet away from the RS-232 communication port. For more flexibility of the IMC 123 motion control system and the 1771-HODS module, there are 4 termination panels available which are each mounted on a DIN Rail. The termination panels include a Temposonic panel that supports the Temposonic linear displacement transducer. There is also the Encoder panel which supports 1 axis and additional external power for encoders and the Resolver panel which supports 1 axis in the single and dual resolver configurations.

Technical Specifications

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Communication RS-232, RS-422

Longline Option 1771-HLL

Mounting DIN Rail Description

The 1771-HODS module is a Converter Option ODS module that is manufactured by Allen-Bradley/Rockwell Automation as part of the PLC 5 module series and which is used with the 123 Motion Control System. The module can be used with ODS configuration, which helps to connect both the ODS terminal and the handheld pendant to the motion controller module. The handheld pendant can be connected up to 8 meters (25 cable feet) away from the RS-232 communication port on the motion controller module, and the ODS terminal can be connected up to 393 meters (1200 cable feet) away from the RS-422 communication connector on the motion controller module. The handheld pendant can also be used with the ODS and longline option with the Allen-B

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