

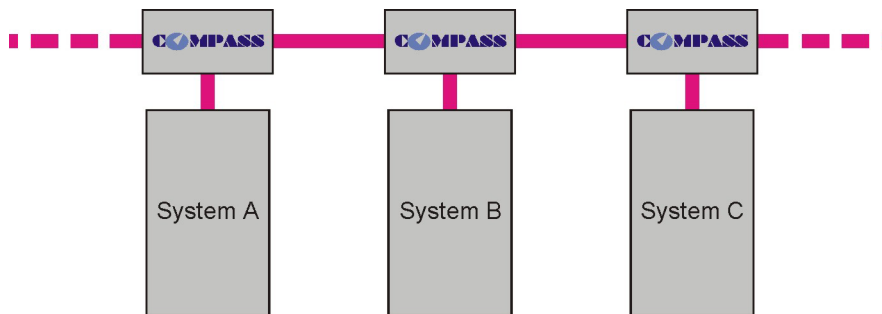
Compass Point Types

Introduction

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The Compass System

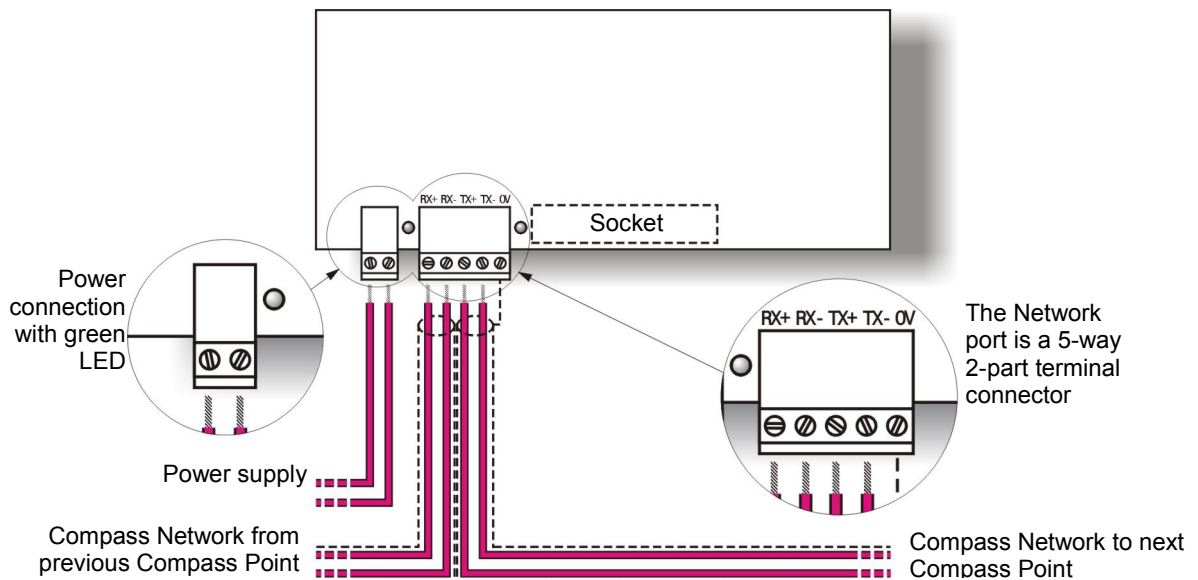
Compass is a distributed protocol conversion system, and allows control systems from several different manufacturers to be linked together to form one complete building control system that can share values over a network. The network is made up of nodes, called Compass Points, and each Compass Point connects a particular device or system to the network.



Compass Points

Each Compass Point has a device connector that links to a particular device. Different types of Point hardware cater for different physical device connectors.

The diagram below shows the common aspects that are found on all Compass Point.



Compass Points and Interface Types

There are five different types of Compass Points in available. They are:

RS422 v2.0

The RS422 Compass point uses a 5-way 2-part terminal connector to connect devices or systems that have an RS422 connection to the Compass Network. See "[Compass Point RS422](#)" for more information.

RS232 v2.0

The RS232 Compass point uses a 25-way female D-type connector to connect devices or systems that have an RS232 connection to the Compass Network. See "[Compass Point RS232](#)" for more information.

RS485 v2.0

The RS485 Compass point uses a 5-way 2-part terminal connector to connect devices or systems that have an RS422 connection to the Compass Network. See "[Compass Point RS485](#)" for more information.

MRTC V1.0

The MRTC Compass Point has more memory than other Compass points and uses a 3-way 2-part terminal connector for network connection. See "[Compass Point MRTC](#)" for more information.

Each type of Compass Point has a different way of interfacing with a control system that it is communicating via the Compass Network.

MRTC485 V1.0

The MRTC485 Compass Point has superseded the MRTC and RS485 Compass Points. It has more memory than other Compass points and uses a 3-way 2-part terminal connector for network connection. See "[Compass Point MRTC485](#)" for more information.

Each type of Compass Point has a different way of interfacing with a control system that it is communicating via the Compass Network.