


Product Details and Certifications

Cross Reference RA Part Number: DB!% (+-)

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Representative Photo Only (actual product may vary based on configuration selections)

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Dynamix utilities work with version 3.7 Factory or Enterprise programs that are implemented using an SQL database.

Accessories

Available accessories include terminal plug connectors, extended interconnect cables, and a wide selection of industrial Ethernet cable solutions.

Ethernet Cable

The 1444 series are designed to operate in harsh industrial environments and possibly near electrically noisy or high-voltage devices and wiring.

When a Dynamix system is fully enclosed in a shielded environment (cabinet, metal conduit), unshielded media may be used. Otherwise, shielded, category Cat 5e (or 6), class D (or E) cables are recommended.

Ethernet cable accessories are provided by Allen-Bradley 1585 Series Ethernet Media products.

Consult publications [1585-BR001](#) and [M117-CA506](#) for further guidance in selection of a cable solutions.⁽¹⁾⁽²⁾

Removable Plug Connectors

1444 series modules are fitted with plug style connectors. The connectors let users wire the connections before installing the terminal base or module. The connectors also let you select between screw clamp and spring cage style terminal connector solutions as necessary for each application. As the modules and terminal bases are not shipped with included plug connectors, you must purchase the necessary connectors as listed in [Table 35](#) and [Table 36](#).

See [Table 35](#) for Spring-style connectors or [Table 36](#) for Screw-style connectors.

(1) Only Straight connectors are recommended for use with 1444 series modules.
 (2) Be sure that the temperature rating of a selected cable is applicable to the environments that the 1444 series can be installed in, up to 70 °C (158 °F).

Table 35 - Spring-style Removable Plug Connectors

Spring Connectors	
Module	Cat. No.
1444-DYN04-01RA	1444-DYN-RPC-SPR-01
1444-TSCX02-02RB	1444-TSC-RPC-SPR-01
1444-RELX00-04RB	1444-REL-RPC-SPR-01
1444-AOFX00-04RB	1444-AOF-RPC-SPR-01
Terminal Base	
1444-TB-A	1444-TBA-RPC-SPR-01
1444-TB-B	1444-TBB-RPC-SPR-01

Table 36 - Screw-style Removable Plug Connectors

Screw Connectors	
Module	Cat. No.
1444-DYN04-01RA	1444-DYN-RPC-SCW-01
1444-TSCX02-02RB	1444-TSC-RPC-SCW-01
1444-RELX00-04RB	1444-REL-RPC-SCW-01
1444-AOFX00-04RB	1444-AOF-RPC-SCW-01
Terminal Base	
1444-TB-A	1444-TBA-RPC-SCW-01
1444-TB-B	1444-TBB-RPC-SCW-01

Interconnect Cables

In a Dynamix system, when expansion modules are used the modules are connected together via a local bus. A local bus is implemented by using a simple ribbon cable that spans one module to the next. The packaging for each terminal base includes a cable that is designed to the exact length necessary to connect two adjacent modules.

The extended interconnect cables provide a means to extend the local bus between terminal bases on different DIN rails, or in different areas of a cabinet.

Extended interconnect cables are rated to 300V and from -40...105 °C (-40...221 °F).

The accessory list, see [Table 37](#), also includes a package of four standard length interconnect cables (1444-LBIC-04). These cables can be used to replace the cable that is included with each terminal base.

Table 37 - Interconnect Cable Accessories

Cat. No.	Description
1444-LBIC-04	Local Bus Interconnect Cable (qty 4)
1444-LBXC-0M3-01	Local Bus Extender Cable (0.3 m) (*)
1444-LBXC-1M0-01	Local Bus Extender Cable (1 m)

* Do not connect the RIGHT sides of two main modules, directly or through one or more expansion modules.