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# MODULAR BACKPLANE

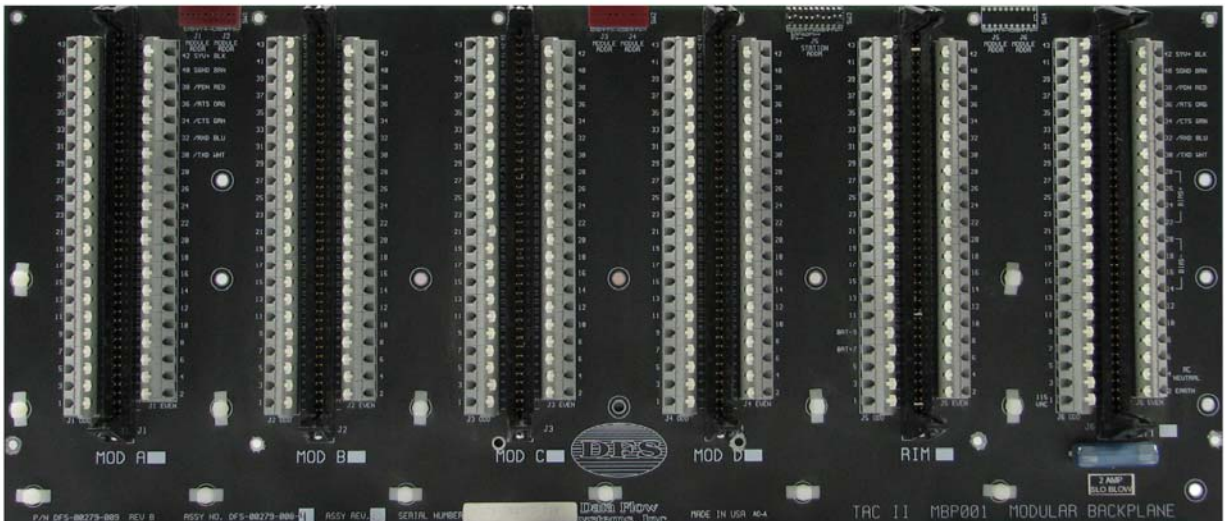
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MEMBER OF THE 200 SERIES RTU FAMILY, THE MODULAR BACKPLANE IS USED IN REMOTE TERMINAL UNITS RTU204, RTU210 AND RTU216.

The Modular Backplane (MBP001) is used in Remote Terminal Units RTU204, RTU210 and RTU216 to provide the module bus connections and Input/Output (I/O) wire terminations to each of the TAC II modules.

- The RTU204 uses one MBP001-1 to house one Power Supply Module (PSM), one Radio Interface Module (RIM) and up to four I/O Modules.
- The RTU210 uses one MBP001-1 and one MBP001-2 to house one PSM, one RIM and up to ten I/O Modules.
- The RTU216 uses one MBP001-1 and two MBP001-2 to house one PSM, one RIM and up to fifteen I/O Modules.
- When used with a Programmable Logic Controller (PLC) the MBP001-3 should be used instead of the MBP001-1.

The MBP may also be mounted in custom control panels by standing it off with #6 X .5" stand-offs at each of the 12 mounting points.



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## FEATURES AT A GLANCE

- No active components
- Basic unit allows for 1 PSM, 1 RIM, and 4 Input/output modules
- Expandable to 10 I/O modules with one expansion unit
- Expandable to 15 I/O modules with two expansion units
- Spring compression wire terminations
- Tuning fork PCB card connectors
- Card connectors keyed to prevent improper module insertion
- Integral PSM fuse MBP001-1 and -3
- Integral tie wrap anchor holes



## SPECIFICATIONS

Models	MBP001-1, MBP001-2, MBP001-3
Size	21.75" x 9.25"
No. of Card Slots	6
Fuse	2 amp slow blow

## ORDERING INFORMATION

For RTU204 order	(1) MBP001-1
For RTU210 order	(1) MBP001-1 (1) MBP001-2
For RTU216 order	(1) MBP001-1 (2) MBP001-2
For PLC Backplane order	(1) MBP001-3

## WARRANTY

This product carries a one (1) year return-to-factory warranty against defects in material and workmanship. When installed with factory recommended surge protection, the return-to-factory warranty is extended to three (3) years and is also covered against damage due to lightning and surge. DFS will repair or replace at its option, F.O.B. Melbourne, Florida, any part or parts of this product during the warranty period. A Return Authorization (RA) must be obtained by contacting the DFS Factory Repair Center at 321-259-5009 or by email at [rma@dataflowsys.com](mailto:rma@dataflowsys.com).