

# ArmorBlock

Industrial strength protection runs in the family.

## The tough jobs call for our brand of tough protection.

Think of the toughest manufacturing environments and one name for I/O protection will come up most — the proven performance of the Allen-Bradley ArmorBlock™ I/O family from Rockwell Automation. OEMs, end-users, system integrators and plant superintendents will enjoy superior results up and down the line depending on the durable, reliable, proven attributes of ArmorBlock™ I/O family.

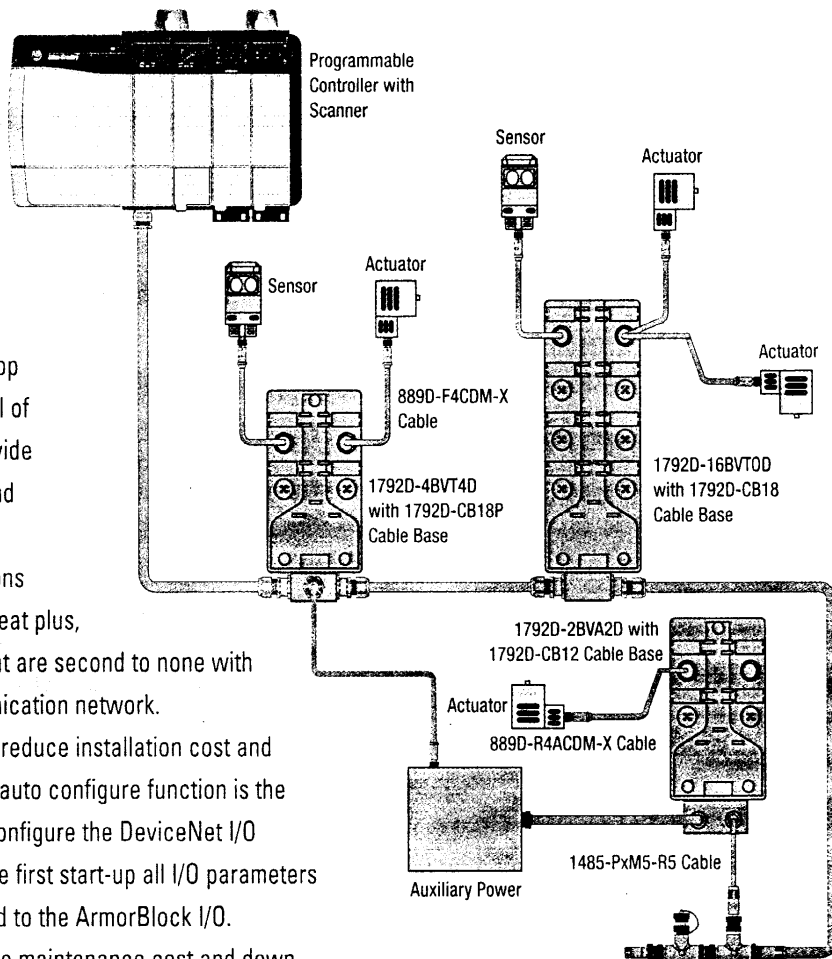
The industrial hardened blocks, ArmorBlock™ MaXum and Low Profile 2, require no enclosure and can be mounted directly to the equipment or machinery where the sensors or actuators are placed. This ability reduces the cost of installation and makes troubleshooting, updating and replacing the block easier.

They offer all the features and benefits to take top performance and protection to a great new level of technological expertise. It's here to provide more value through installation and maintenance ease, enhanced diagnostics, and a mix of options other I/O products can't beat plus,

connectivity features that are second to none with the DeviceNet communication network.

One of your goal is to reduce installation cost and time, the DeviceNet auto configure function is the answer. You only configure the DeviceNet I/O scanner and at the first start-up all I/O parameters will be downloaded to the ArmorBlock I/O.

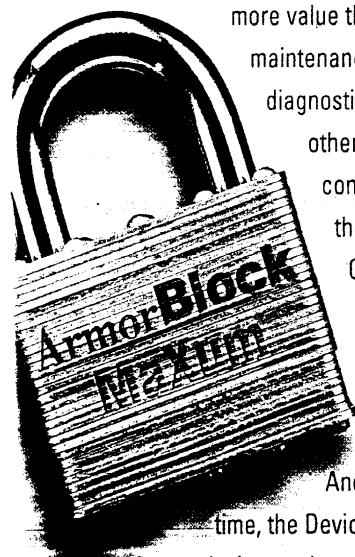
Another goal is to reduce maintenance cost and down-time, the DeviceNet auto replacement function is the answer. Every time you replace a device on the network by a similar one, the I/O scanner will download automatically all the I/O parameters on the new device.



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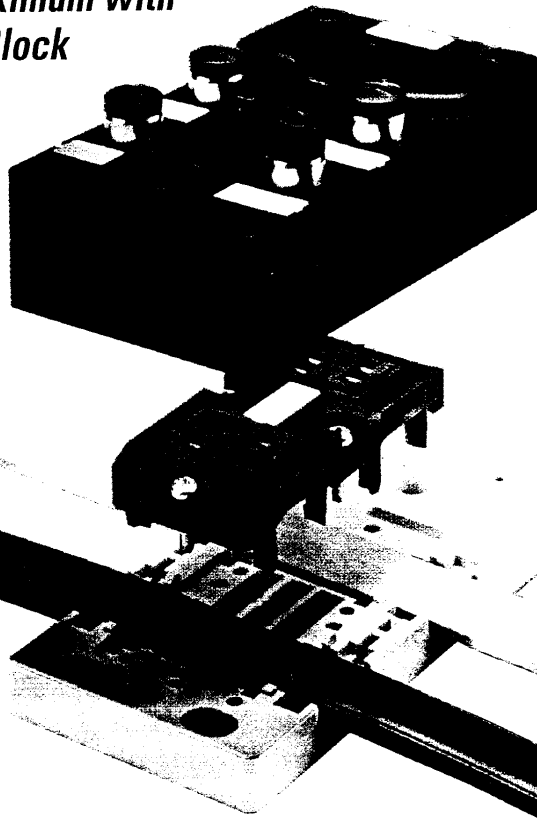
## ArmorBlock MaXum. It's the footprint you'll want to follow all over your plant.

ArmorBlock MaXum maximizes I/O performance with unparalleled value, protection, connectivity and a seemingly unlimited mix of options. It gives you more flexibility. Better circuitry. Maximum capabilities at a minimum cost. Have a problem with a severe application? ArmorBlock MaXum is your all-around money-saving, labor-saving, profit-boosting solution throughout the plant. Combining the feature-rich DeviceNet I/O network and Armorblock MaXum I/O with the flexibility of Flat media, will help you reduce your installation life cycle cost over the years.



**When you don't need the maximum with  
ArmorBlock MaXum, ArmorBlock  
Low Profile 2 I/O products  
meet your needs.**

For applications that don't require the attributes of the ArmorBlock MaXum, our Low Profile 2 models may be the right solution. You get the same product integrity built to always live up to the ArmorBlock family and Rockwell Automation reputation for ruggedness and dependability, with many options to fit tough application needs.



ArmorBlock Low Profile 2	ArmorBlock MaXum
AutoBaud Detect	■
Auto Configure *	■
Auto Replacement **	■
Selectable Input Filters	■
Protected Outputs	■
Input Open Wire Detect	■
Output No Load Detect	■
Selectable Output Fault Latching	■
Output Watchdog Circuit	■
Node Address Switches	■
Flash Memory Upgradable	■
Point Level Diagnostics	■
Auxiliary Power LED	■
Isolated Auxiliary Power	■
Universal PNP or NPN Inputs	■
Smart I/O Function Blocks ***	■
-25 to 60 Degrees C Operation	■
IEC IP67	■
1200 psi Washdown	■
Choice of Cable Bases	■
Preinstalled Wire-Markers	■
Installed Dust Caps for all Ports	■
300mA Outputs Maximum	■
1A Outputs Maximum	■

\* DeviceNet feature: at the first power up the scanner downloads all parameters to all devices connected on the Network.

\*\* DeviceNet feature: reduce maintenance cost by reconfiguring a device that has been replaced on the network. No needs for a programming or configuring software.

\*\*\* Future functionality.

Eight connector version gives up to 16 points of I/O

12mm or 18mm connections for round media

Built tough to keep the dirt, dust, and liquid out of your automation equation

State-of-the-art LEDs report status and diagnostics

12mm quick-disconnect for fast installation and replacement

Isolated Auxiliary Power Cable

PNP/NPN inputs

Rotary address switches on back of the module

Flat media option for direct connectivity to DeviceNet™

Comprehensive Diagnostics

Removable I/O block allows flexibility of I/O point needs

Permanent, installed