



# AADvance Controller

Catalog Numbers T9110, T9300, T9310, T9401/2, T9431/2,  
T9451, T9481/2



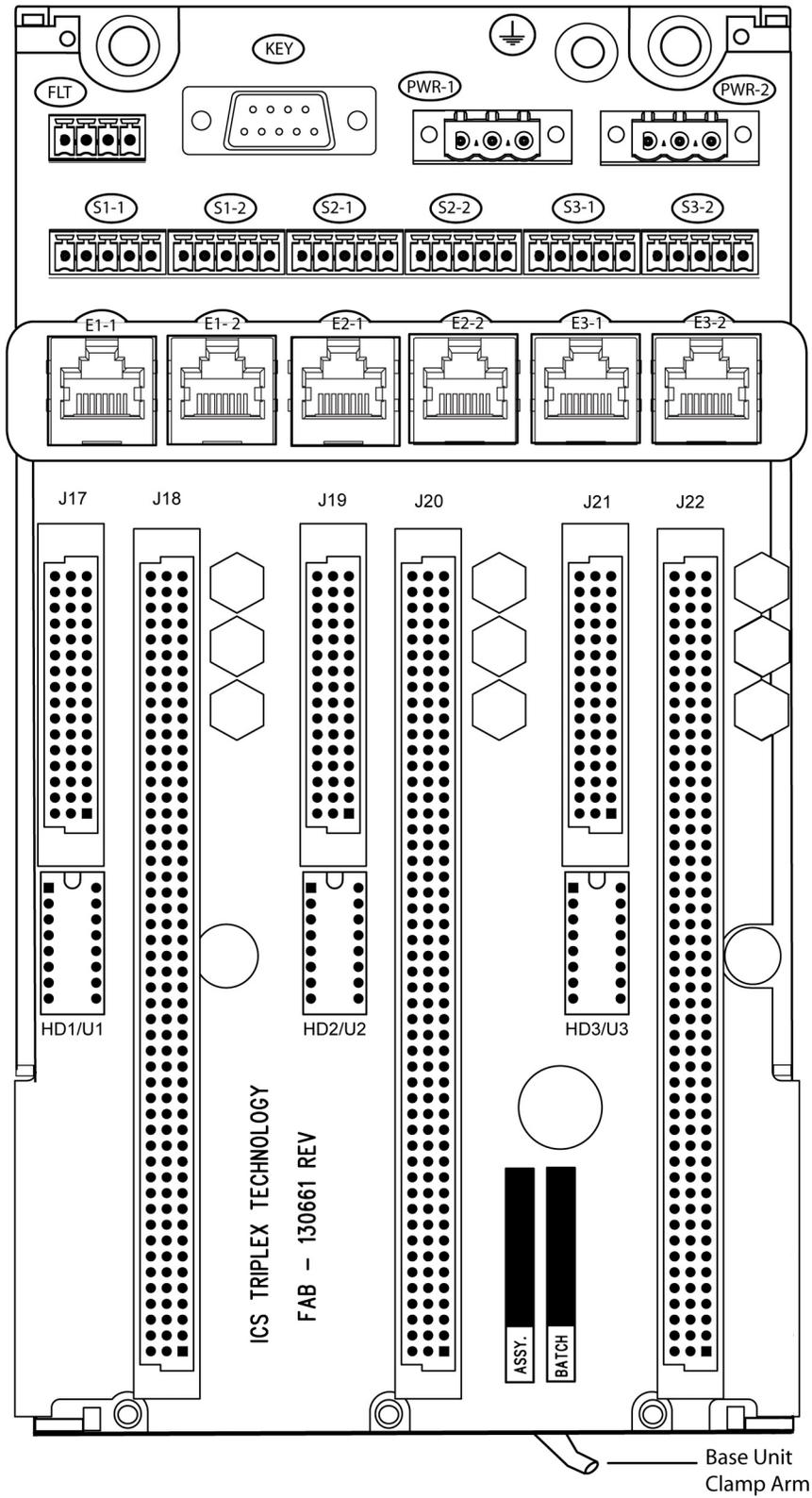
**Allen-Bradley**

by ROCKWELL AUTOMATION

Solutions Handbook

Original Instructions

Figure 27 - Processor base unit



## T9100 Base Unit Specification

Table 24 - T9100 Processor Base Unit Specification

Attribute	Value
<b>Electrical Specification</b>	
Supply voltage requirements	Redundant + 24 Vdc nominal; 18 Vdc to 32 Vdc range
Number of processor modules supported	1, 2 or 3
Number of I/O base units supported	16: 8 for each I/O bus
E1-1, E1-2; E2-1, E2-2; E3-1, E3-2	Connectors for Ethernet Ports 1 & 2 for Processor A, B and C Wiring: shielded RJ45 sockets according to IEC6063-7, 2- or 4-pair shielding
S1-1, S1-2; S2-1,S2-2; S3-1, S3-2	Connectors for Serial Ports 1 & 2 for Processor A, B and C Wiring: Six 5-way connectors; maximum 1.31 mm <sup>2</sup> (16 AWG), Stripping length 7 mm (9/32 in.)
PWR-1, PWR-2	Connectors for Redundant +24Vdc Power Supplies. Wiring: Two 3-way connectors, Conductor cross section maximum 3.3 mm <sup>2</sup> (12 AWG); Stripping length 7 mm (9/32 in.)
FLT	Not used
KEY	Connector for the Program Enable Key
<b>Mechanical Specification</b>	
Dimensions (height × width × depth)	235 mm x 126 mm (9 1/4 in. x 5 in.)
Weight	460g (16 oz.)

### T9300 I/O Base Unit (3 way)

The AADvance controller has T9300 I/O base units for the I/O modules. An I/O base unit supports a maximum of three I/O modules (of any type), and their related termination assemblies. Each base unit can be mounted onto standard DIN rails or directly onto a panel or wall. The moldings use slots and clamps for DIN rail mountings, and holes for screw fixing.

It contains a passive backplane that supplies the electrical connections between the I/O modules and the T9100 processor base unit; i.e. the command and response buses and the system power.