1756-IF16

Allen-Bradley (Rockwell Automation) · ControlLogix / Bulletin 1756

The Allen-Bradley 1756-IF16 is a high-density, non-isolated ControlLogix analog input module providing 16 single-ended or 8 differential (4 high-speed differential) inputs for voltage and current signals. It supports ranges such as +/-10V, 0-10V, 0-5V and 4-20 mA / 0-20 mA with 16-bit resolution and Sigma-Delta conversion. The module draws 150 mA at 5.1 V DC and 65 mA at 24 V DC from the backplane.

Manufacturer: Allen-Bradley (Rockwell Automation)
Brand: Allen-Bradley
Part Number/Catalog No.: 1756-IF16
Base Catalog: 1756-IF16
Series Suffix: None
Product Type: Analog Input Module
Product Family: ControlLogix / Bulletin 1756

Model-Specific Specifications:
16 SE / 8 diff analog inputs
+/-10V, 0-10V, 0-5V, 4-20 mA
16-bit
150 mA at 5.1V / 65 mA at 24V
250V isolation (input to backplane)
0-60 C

Series / Family Common Specifications:
Modular system; I/O and function modules mount in a 1756 ControlLogix chassis (any module in any slot).
Chassis backplane (ControlBus) provides a high-speed communication path between modules.
Chassis-based communication modules support EtherNet/IP, ControlNet, DeviceNet, DH+/Remote I/O.
Programmed/configured in Studio 5000 Logix Designer (formerly RSLogix 5000).
Chassis powered by a dedicated 1756 power supply module in the chassis.
Operating temperature 0 to 60 C (32 to 140 F).

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Lifecycle Status: Active
Discontinuation Date: N/A (active product)
Recommended Replacement: None (Active; Series A discontinued 2021, current Series B active)