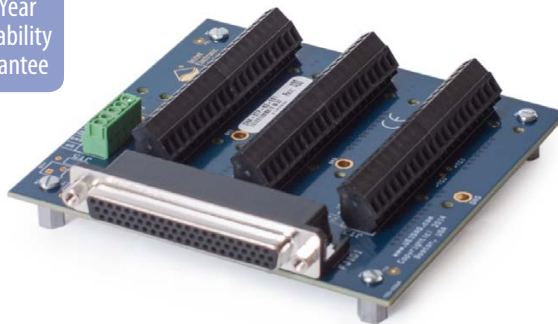


DNA-STP-62-ES1

Protected 62-way Terminal Panel for PowerDNA

- 62-pin D-Sub male connector
- Three 20-position and one 5-position terminal blocks
- SMBJ40CA TVS protection diode on each pin
- Connects 62-pin DNA and DNR-series I/O boards to easy to use screw terminals via DNA-CBL-62 cables
- Breadboard area for custom circuitry

10-Year
Availability
Guarantee



The DNA-STP-62-ES1 provides easy screw terminal connections for all DNx series I/O boards which utilize the 62-pin connector scheme. The DNA-STP-62-ES1 is connected to the I/O board via either DNA-CBL-62 series cables.

Each pin has a SMBJ40CA TVS protection diode connected to an on-board common terminal. The SMBJ series offers 100A (8.3 mS) of overvoltage current shunt protection as well as 30 kV of ESD protection.

Connecting AGnd terminal to a ground pin on the DNx board will add substantial surge protection to the system. In addition, small breadboard area is provided on the board for customers wishing to add external circuitry.

Technical Specifications:

Connectors	DB-62 - 62-pin female D-Sub; 3 x 20 and 1 x 5-position terminal blocks;
Protection device	SMBJ40CA
ESD Protection	IEC-61000-4-2 ESD; 30 kV (air), 30 kV (contact)
Peak forward protection shunt current	100 A, 8.3 mS
Leakage current	< 1 μ A
Operating/Storage Temp	-40°C to 85°C
Dimensions	4.0" w x 4.2" d x 1.0" h (with standoffs)
Operating/Storage Temp	-40°C to 85°C