Status LEDs

Fieldbus connection

Top view

+60 °C
−25 °C

EL6752 | DeviceNet master/slave terminal

The Terminal enables within an EtherCAT Terminal network the integration of any DeviceNet devices and can either be master (EL6752) or slave (EL6752-0010). The DeviceNet terminal has a powerful protocol implementation with many features:

– All DeviceNet I/O modes are supported: polling, change of state, cyclic, strobed.
– Unconnected Message Manager (UCMM)
– offline connection set, Device Heartbeat Messages, Device Shutdown Messages
– Auto Device Replacement (ADR)
– powerful parameter and diagnostics interfaces
– The error management for each bus user is freely configurable.

Like the FC5201 DeviceNet PCI card, the EL6752 can be used for connection to DeviceNet networks. The terminal, however, enables a more space-saving implementation since no PCI slots are required in the Industrial PC.

Technical data	EL6752	EL6752-0010
Technology	DeviceNet master terminal	DeviceNet slave terminal
Fieldbus	DeviceNet	
Number of fieldbus channels	1	
Data transfer rates	125, 250, 500 kbaud	
Interfaces	open style connector, 5-pin, according to DeviceNet specification, galvanically decoupled (Connector is supplied.)	
Communication	DeviceNet network master (scanner), optionally DeviceNet slave	
Bus device	max. 63 slaves	
Hardware diagnosis	status LEDs	
Distributed clocks	–	
Current consumption power contacts	–	
Current consumption E-bus	typ. 260 mA	
Special features	DeviceNet scanner	
Weight	approx. 70 g	
Operating/storage temperature	-25…+60 °C/-40…+85 °C	
Relative humidity	95 %, no condensation	
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27	
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4	
Protect. class/installation pos.	IP 20/variable	
Approvals	CE, UL, Ex	

System	
DeviceNet	For further DeviceNet products please see the system overview.

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