



Top view

i EL6632 | PROFINET IRT controller

PROFI[®]
NET The EL6632 PROFINET IRT controller terminal offers the complete RT (real-time) or IRT (isochronous real-time) functionality and a wide range of diagnostic options. All services in accordance with Conformance Class C are supported. Depending on the cycle time, up to five PROFINET IRT or up to 15 PROFINET RT devices can be operated at the EL6632 in a line topology.

The maximum distance between two devices is 100 m. Protocols such as LLDP or SNMP can be used for network diagnostics.

Technical data	EL6632
Technology	PROFINET IRT
Number of ports/channels	2 (switched)
Ethernet interface	100BASE-TX Ethernet with 2 x RJ45
Fieldbus	PROFINET IRT controller
Cable length	up to 100 m twisted pair
Hardware diagnosis	status LEDs
Power supply	via the E-bus
Electrical isolation	500 V (E-bus/Ethernet)
Max. number of IRT-capable devices	5 (depending on the cycle time and number of data)
Max. number of RT-capable devices	15 (depending on the cycle time and number of data)
Minimum IRT cycle	500 µs
Minimum RT cycle	1 ms
Conformance class	C
Protocol	RT or IRT
Driver	TwinCAT 2.11
Configuration	via EtherCAT master
Current consumption E-bus	typ. 400 mA
Special features	Conformance Class C, max. 5 IRT devices, max. 15 RT devices, min. 500 µs IRT cycle, min. 1 ms RT cycle
Weight	approx. 75 g
Operating/storage temperature	0...+55 °C/-25...+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/see documentation
Approvals	CE, UL

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



Product announcement

estimated market release on request