

Beckhoff — C6 Industrial PC Units

C6240-1050-0030



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The **C6240-1050-0030** is an industrial PC manufactured by Beckhoff and supplied in the C6 Industrial PC Units series. Built for cabinet installation, this rack-mount platform consolidates motion, logic, and visualization software that coordinates drives and field devices on EtherCAT networks. Standard PC hardware is combined with industrial connectors, allowing the controller to use common IT components while supporting the uptime requirements of packaging lines, assembly cells, and process skids.

The rear backplane provides **7** expansion positions for PCI or PCIe cards that add communication or graphics capabilities. Continuous power consumption is limited to **100 W**, allowing forced-air cooling without oversized fans. Internal wiring terminates at a five-pole plug that supports conductors down to 1.5 mm² (16 AWG). The connector has contact spacing of 5 mm and contains five contacts. Under Canadian approval, the plug carries up to **15 A**, while the European listing sets a limit of 12 A at 250 V. The housing has an **IP20** protection rating, so it must be installed inside an enclosed control panel. Cabinet layouts must also reserve a frontal width of **430 mm** to keep the removable media bay and status LEDs accessible.

The chassis has a height of **170 mm** and a depth of **274 mm**, producing a compact footprint for space-constrained machine frames. Its overall mass is **12.3 kg**, so the rack and mounting hardware must provide adequate support during installation and removal. During transport and handling, the system tolerates an impact of 5 G without data loss or mechanical damage. Mains wiring may be rated up to **300 V** under CSA rules, matching common facility power rails. The 19-inch rack format allows the computer to be integrated into centralized or distributed Beckhoff

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control systems while maintaining access to expansion cards, removable media, and status indicators.

Specifications

Connector Contact Count:	5	Connector Current (csa):	15 A	Connector Current (en):	12 A
Contact Spacing:	5 mm	Depth:	274 mm	Finish:	Black Oxide
Head Height:	18.7 mm	Head Width Across Flats:	46 mm	Height:	170 mm
Impact Resistance:	5 G	Length:	300 mm	Material:	Alloy Steel
Min Wire Size:	1.5 mm²	Min Wire Size (awg):	16	Power Consumption:	100 W
Proof Load:	940 MPa	Property Class:	10.9	Protection Rating:	IP20
Rated Voltage (csa):	300 V	Rated Voltage (en):	250 V	Slot Count:	7
Tensile Strength:	1040 MPa	Thread Pitch:	3.5 mm	Thread Size:	M30
Thread Type:	Metric Coarse	Type:	Hexagon Head Bolt	Weight:	12.3 kg
Width:	430 mm	Last Verified:	10/22/2026 3:10 PM		

Contact Us

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