Electrical and mechanical characteristics	
Power supply	24 V DC
Power consumption	50 mA
Frequency range	2.4 GHz - 2.48 GHz
Antenna connector	SMA bushing Coaxial cable RG 174/U
Protection class	II
Reverse voltage protection	Yes
Working temperature	32 °F - 122 °F (0 °C - 50 °C)
Humidity	Max. 80 % (without condensation)
EMV	Acc. to EN 61000-6-2; EN 61000-6-3
Mounting	On top hat rails acc. to IEC 60715
Bus systems	EtherNet/IP™ PROFINET® Modbus
Integration machine control	With network cable RJ45

Security information

The position indicators and control units communicate using a proprietary ELESA protocol. The control unit can only process the target and current position value of the position indicators and send these to the machine control. The machine control therefore cannot be accessed directly over the wireless network of the control unit. The radio communication is therefore protected against system alterations or third-party access.
Disruptions or interference from other typical wireless networks, such as WiFi, Bluetooth, etc. do not impair the functioning of the system, but they may lengthen the response time of the position indicators to the control unit.
Avoid placing the control unit immediately next to high-powered components, such as motors, converters, etc. If this is not possible, a safe distance of at least 200 mm should be ensured.
Other important information and instructions can be found in the operating instruction for control units EN 9150. This is included with every control unit and can be downloaded at www.jwwinco.com in the “Service” section.