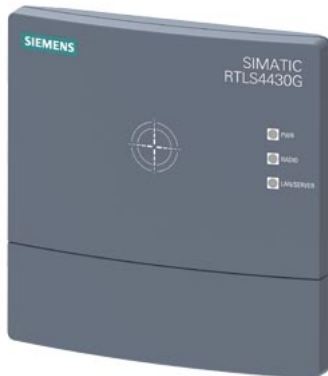


product type designation

Gateway RTLS4430G OEM CD

SIMATIC RTLS Gateway, spec. RTLS4430G-based for CD, chirp, ETSI, FCC, ISED IP65



suitability for operation

RTLS4400 with Chirp technology, IP65

radio frequencies

operating frequency	2400 ... 2480 MHz
equivalent isotropically radiated power	
• minimum	0.00025 mW
• maximum	100 mW
range / maximum	1000 m; Range information for open air applications; always follow the manual
accuracy of localization / typical	1.5 m
protocol / with radio transmission	IEEE 802.15.4a CSS
transfer rate / with radio transmission / maximum	1000 kbit/s

interfaces

standard for interfaces / for communication	Ethernet, MESH Network
type of electrical connection	
• for supply voltage	Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af
• for communications interface	RJ45, Amphenol LTW RCP-5SPFFHTCU7001
• at the digital inputs/outputs	Bulgin PX0412/03P, 3-pin connector
number of digital inputs	0
number of digital outputs	1

mechanical data

material	ASA+PC
color	Ti gray

supply voltage, current consumption, power loss

supply voltage	
• at DC / rated value	24 V
• at DC	8 ... 30 V
consumed current / at DC	
• at 24 V / maximum	0.21 A

ambient conditions

ambient temperature	
• during operation	-40 ... +60 °C
• during storage	-40 ... +60 °C
• during transport	-40 ... +60 °C
protection class IP	IP65

design, dimensions and weights

width	180 mm
height	48 mm
depth	180 mm
net weight	0.65 kg
fastening method	3 M4 screws
product features, product functions, product components / general	
display version	Three LEDs
protocol / is supported / Media Redundancy Protocol (MRP)	No
protocol / is supported	
• LLDP	No
• PROFINET IO protocol	No
• TCP/IP	Yes
• SNMP v1	No
• SNMP v2	No
• SNMP v3	No
• DCP	No
• EtherNet/IP protocol	No
• OPC UA	No
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	EU conformity according to RED, RoHS, FCC, Canada ICES-003
certificate of suitability	
• IECEX	No
accessories	
accessories	Corner mount bracket, mounting plate for ceiling suspension
further information / internet-Links	
Internet-Link	
• to website: Industrial communication	http://www.siemens.com/simatic-rtls
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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