SIEMENS

Data sheet 6GT2701-5DB13

product type designation



Gateway RTLS4030G FCC

SIMATIC RTLS Gateway RTLS4030G, UWB, phase, FCC.

operating frequency / 1	suitability for operation	RTLS4000 with UWB, phase technology
equivalent isotropically radiated power / 1 range / 1 / maximum 30 m; Range information for open air applications; always follow the manual accuracy of localization / 1 / typical 2400 2480 MHz; depending on the country approvals equivalent isotropically radiated power / 2 2400 2480 MHz; depending on the country approvals equivalent isotropically radiated power / 2 2400 2480 MHz; depending on the country approvals equivalent isotropically radiated power / 2 200.22 100 mW range / 2 / maximum 500 m; Range information for open air applications; always follow the manual accuracy of localization / 2 / typical 3 m protocol / 2 / (with radio transmission maximum 1000 kbit/s	radio frequencies	
range / 1 / maximum 30 m; Range information for open air applications; always follow the manual accuracy of localization / 1 / typical 4 / with radio transmission / maximum 850 kbit/s operating frequency / 2 2400 2480 MHz; depending on the country approvals equivalent isotropically radiated power / 2 0.022 100 mW range / 2 / maximum 500 m; Range information for open air applications; always follow the manual accuracy of localization / 2 / typical 3 m 1EEE 802.15.4 transfer rate / 2 / with radio transmission / maximum 1000 kbit/s	operating frequency / 1	3100 7000 MHz; depending on the country approvals
accuracy of localization / 1 / typical transfer rate / 1 / with radio transmission / maximum operating frequency / 2 equivalent isotropically radiated power / 2 equivalent isotropically radiated power / 2 range / 2 / maximum sourcey of localization / 2 / typical protocol / 2 / with radio transmission lieEE 802.15.4 transfer rate / 2 / with radio transmission transfer rate / 2 / with radio transmission / maximum linterfaces standard for interfaces / for communication type of electrical connection of or supply voltage of tor communications interface of the digital inputs outputs number of digital inputs number of digital inputs number of digital outputs material ASA+PC color supply voltage of the Color Ti gray supply voltage of the Color Ti g	equivalent isotropically radiated power / 1	0.001 0.037 mW
transfer rate / 1 / with radio transmission / maximum operating frequency / 2 equivalent isotropically radiated power / 2 range / 2 / maximum accuracy of localization / 2 / typical protocol / 2 / with radio transmission transfer rate / 2 / with radio transmission interfaces standard for interfaces / for communication type of electrical connection of or supply voltage for communications interface at the digital inputs of digital inputs number of digital inputs number of digital outputs mechanical data material color supply voltage, current consumption, power loss supply voltage, current consumption, power loss supply voltage at 2 / V maximum ambient temperature of during storage of uning storage - 15 +50 °C consumed current / ats DC odesign, dimensions and weights width - 180 mm	range / 1 / maximum	30 m; Range information for open air applications; always follow the manual
operating frequency / 2 equivalent isotropically radiated power / 2 range / 2 / maximum socuracy of localization / 2 / typical accuracy of localization / 2 / typical protocol / 2 / with radio transmission liEEE 802.15.4 transfer rate / 2 / with radio transmission / maximum linterfaces standard for interfaces / for communication type of electrical connection of rosupply voltage at the digital inputs/outputs number of digital inputs material color supply voltage at DC / rated value a	accuracy of localization / 1 / typical	0.1 m
equivalent isotropically radiated power / 2 range / 2 / maximum accuracy of localization / 2 / typical protocol / 2 / with radio transmission IEEE 802.15.4 transfer rate / 2 / with radio transmission / maximum 1000 kbit/s Interfaces standard for interfaces / for communication type of electrical connection of roupply voltage of or supply voltage at the digital inputs/outputs number of digital outputs number of digital outputs material ASA+PC color Ti gray supply voltage at DC / rated value at DC consumed current / at DC at 24 V / maximum 0.38 A ambient conditions ambient conditions ambient conditions ambient conditions ambient emperature during operation -15 +50 °C design, dimensions and weights width 180 mm	transfer rate / 1 / with radio transmission / maximum	850 kbit/s
range / 2 / maximum accuracy of localization / 2 / typical protocol / 2 / with radio transmission transfer rate / 2 / with radio transmission / maximum interfaces standard for interfaces / for communication type of electrical connection of ros supply voltage of ros rounditions interface standard for interfaces / for communication type of electrical connection of ros supply voltage of ros rounditions interface at the digital inputs/outputs Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 at the digital inputs/outputs Bulgin PX0412/03P, 3-pin connector number of digital inputs 1 material ASA+PC color Ti gray supply voltage at DC / rated value at DC at DC at 24 V at DC consumed current / at DC at 24 V / maximum 0.38 A ambient conditions ambient temperature during operation -15 +50 °C during transport -15 +50 °C others during transport -15 +50 °C testing information for open air applications; always follow the manual protocol, and a publications, always follow the manual protocol / 2 / with radio transmission / 180 mm	operating frequency / 2	2400 2480 MHz; depending on the country approvals
accuracy of localization / 2 / typical 3 m protocol / 2 / with radio transmission IEEE 802.15.4 transfer rate / 2 / with radio transmission / maximum 1000 kbit/s transfer rate / 2 / with radio transmission / maximum 1000 kbit/s standard for interfaces / for communication Ethernet, MESH Network type of electrical connection	equivalent isotropically radiated power / 2	0.022 100 mW
protocol / 2 / with radio transmission IEEE 802.15.4 transfer rate / 2 / 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 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 material ASA+PC color Ti gray supply voltage, current consumption, power loss supply voltage • at DC / rated value 24 V • at DC consumed current / at DC • at 24 V / maximum 0.38 A ambient conditions ambient temperature • during operation -15 +50 °C • during transport -15 +50 °C protection class IP IP65 design, dimensions and weights width 180 mm	range / 2 / maximum	500 m; Range information for open air applications; always follow the manual
transfer rate / 2 / with radio transmission / maximum interfaces standard for interfaces / for communication type of electrical connection • for supply voltage • at the digital inputs mumber of digital inputs material color supply voltage, current consumption, power loss supply voltage • at DC / rated value • at DC at DC at 24 V • at DC consumed current / at DC • at 24 V / maximum ambient conditions ambient conditions ambient memperature • during operation • during storage • during transport protection class IP design, dimensions and weights Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector 11 WRCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector 11 gray 11 gray 12 your connector 11 gray 24 V 35 your consumed current on sumption, power loss 15 +50 °C 15 +50 °C 4 during storage 15 +50 °C 4 design, dimensions and weights width	accuracy of localization / 2 / typical	3 m
standard for interfaces / for communication type of electrical connection • for supply voltage • at the digital inputs/outputs material material material material material material at DC • at DC / rated value • at DC • at 24 V / maximum ambient conditions ambient temperature • during storage • during transport • during transport • during transport • design, dimensions and weights width Ethermet, MESH Network Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector RJ45, Amphenol LTW	protocol / 2 / with radio transmission	IEEE 802.15.4
standard for interfaces / for communication type of electrical connection • for supply voltage • for communications interface • at the digital inputs/outputs number of digital outputs material material material material material a DC / rated value • at DC / rated value • at DC • at 24 V / maximum mabient conditions ambient temperature • during operation • during storage • during transport • during storage • during storage	transfer rate / 2 / with radio transmission / maximum	1000 kbit/s
type of electrical connection • for supply voltage • for communications interface • at the digital inputs/outputs number of digital inputs material color supply voltage, current consumption, power loss supply voltage • at DC • at DC • at 24 V / maximum ambient conditions ambient temperature • during storage • during storage • during storage • during transport protection class IP design, dimensions and weights width Bulgin PX0412/03P, 3-pin connector RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, power RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, power RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, power RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, power RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, power RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 Bulgin PX0412/03P, 3-pin connector, power RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 ASA+PC 1 igray Supply voltage • at DC • at DC	interfaces	
• for supply voltage • for communications interface • for communications interface • 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 supply voltage, current consumption, power loss supply voltage • at DC / rated value • at DC • at 24 V / maximum 0.38 A ambient conditions ambient temperature • during operation • during storage • during transport protection class IP design, dimensions and weights width Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af RJ45, Amphenol LTW RCP-5SPFFHTCU7001 A RJ45, Amphenol LTW RCP-5SPFFHT	standard for interfaces / for communication	Ethernet, MESH Network
• for communications interface • at the digital inputs/outputs Bulgin PX0412/03P, 3-pin connector number of digital inputs 0 number of digital outputs I Machanical data material ASA+PC color Ti gray supply voltage, current consumption, power loss supply voltage • at DC / rated value • at DC • at 24 V/ maximum 0.38 A ambient conditions ambient temperature • during operation • during storage • during transport protection class IP design, dimensions and weights width ASA+PC Ti gray 24 V 9 at DC 9 at 24 V 9 at DC 15 +50 °C 15 +50 °C 16 cesign, dimensions and weights width 180 mm	type of electrical connection	
 at the digital inputs/outputs number of digital inputs number of digital outputs mechanical data material color Ti gray supply voltage, current consumption, power loss supply voltage at DC / rated value at DC at 24 V / s 30 V consumed current / at DC at 24 V / maximum 0.38 A ambient conditions ambient temperature during operation during storage during transport protection class IP design, dimensions and weights width 180 mm 	 for supply voltage 	Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af
number of digital inputs number of digital outputs mechanical data material ASA+PC color Ti gray supply voltage, current consumption, power loss supply voltage • at DC / rated value • at DC • at 24 V / 8 30 V consumed current / at DC • at 24 V / maximum ambient conditions ambient temperature • during operation • during storage • during transport protection class IP design, dimensions and weights width ASA+PC 1 in maximum 0 38 A 1 in maximum 1 in	 for communications interface 	RJ45, Amphenol LTW RCP-5SPFFHTCU7001
number of digital outputs mechanical data material ASA+PC color Ti gray supply voltage, current consumption, power loss supply voltage • at DC / rated value 24 V • at DC consumed current / at DC • at 24 V / maximum 0.38 A ambient conditions ambient temperature • during operation -15 +50 °C • during storage -15 +50 °C • during transport -15 +50 °C protection class IP design, dimensions and weights width 180 mm	 at the digital inputs/outputs 	Bulgin PX0412/03P, 3-pin connector
material ASA+PC color Ti gray supply voltage, current consumption, power loss supply voltage • at DC / rated value • at DC consumed current / at DC • at 24 V / maximum 0.38 A ambient conditions ambient temperature • during operation • during storage • during transport protection class IP design, dimensions and weights width ASA+PC Ti gray ASA+PC Ti gray 24 V 8 30 V 25 30 V 6 30 V 7 450 °C 15 450 °C 15 450 °C 16 450 °C 17 450 °C 18 450 °C 18 450 °C 18 450 °C	number of digital inputs	0
material color Ti gray supply voltage, current consumption, power loss supply voltage • at DC / rated value • at DC onsumed current / at DC • at 24 V / maximum 0.38 A ambient conditions ambient temperature • during operation • during storage • during storage • during transport order to SC • during transport protection class IP design, dimensions and weights width 180 mm	number of digital outputs	1
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supply voltage • at DC / rated value • at DC • at 24 V /	material	ASA+PC
supply voltage • at DC / rated value • at DC 8 30 V consumed current / at DC • at 24 V / maximum 0.38 A ambient conditions ambient temperature • during operation • during storage • during transport • during transport • during transport • 15 +50 °C • during transport protection class IP design, dimensions and weights width 180 mm	color	Ti gray
 at DC / rated value at DC at DC at 24 V at 24 V / maximum 0.38 A ambient conditions ambient temperature during operation during storage during transport t-15 +50 °C during transport 15 +50 °C protection class IP IP65 design, dimensions and weights width 180 mm 	supply voltage, current consumption, power loss	
■ at DC consumed current / at DC ● at 24 V / maximum 0.38 A ambient conditions ambient temperature ● during operation • during storage • during transport • during transport protection class IP design, dimensions and weights width 8 30 V 0.38 A 1.5 +50 °C 1.5 +50 °C 1.5 +50 °C 1.6 to the conditions 1.6 to the conditions 1.7 to the conditions 1.8	supply voltage	
consumed current / at DC • at 24 V / maximum 0.38 A ambient conditions ambient temperature • during operation • during storage • during transport • during transport • function class IP protection class IP IP65 design, dimensions and weights width 180 mm	 at DC / rated value 	24 V
 at 24 V / maximum ambient conditions ambient temperature during operation during storage during transport t-15 +50 °C during transport t-15 +50 °C protection class IP IP65 design, dimensions and weights width 180 mm 	• at DC	8 30 V
ambient conditions ambient temperature • during operation • during storage • during transport • during transport • respection class IP design, dimensions and weights width 180 mm	consumed current / at DC	
ambient temperature • during operation • during storage • during transport • during transport • 15 +50 °C • during transport -15 +50 °C protection class IP IP65 IP65 IP65 IP65 IP65	• at 24 V / maximum	0.38 A
 during operation during storage during transport 15 +50 °C during transport 15 +50 °C protection class IP IP65 design, dimensions and weights width 180 mm 	ambient conditions	
 during storage during transport 15 +50 °C protection class IP IP65 design, dimensions and weights width 180 mm 	ambient temperature	
● during transport -15 +50 °C protection class IP IP65 design, dimensions and weights width 180 mm	 during operation 	-15 +50 °C
protection class IP IP65 design, dimensions and weights width 180 mm	 during storage 	-15 +50 °C
design, dimensions and weights width 180 mm	during transport	-15 +50 °C
width 180 mm	protection class IP	IP65
	design, dimensions and weights	
height 48 mm	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	
certificate of suitability		
• IECEx	No	
accessories		
accessories	Corner mount bracket, mounting plate for ceiling suspension	
further information / internet links		
internet link		
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