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Data sheet	6GT2701-5DB13

product type designation	**Gateway RTLS4030G FCC**
	SIMATIC RTLS Gateway RTLS4030G, UWB, phase, FCC.

suitability for operation	RTLS4000 with UWB, phase technology
radio frequencies	
operating frequency / 1	3100 ... 7000 MHz; depending on the country approvals
equivalent isotropically radiated power / 1	0.001 ... 0.037 mW
range / 1 / maximum	30 m; Range information for open air applications; always follow the manual
accuracy of localization / 1 / typical	0.1 m
protocol / 1 / with radio transmission	IEEE 802.15.4-2015 UWB HRP PHY
transfer rate / 1 / 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
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
● 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
●	8 ... 30 V
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	IP65
design, dimensions and weights	
width	180 mm

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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	
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: Industry Online Support	https://support.industry.siemens.com

security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval			Radio Equipment Type Approval Certificate	Environment
EAC	CE EG-Konf.	UKCA	other radio approvals Confirmation	EPD

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