

product type designation	<b>Transponder RTLS4460T, Chirp</b>
suitability for operation	SIMATIC RTLS transponder RTLS4460T, chirp, IP20, for external antenna with RSMA, with 16-pole binder connector.
product brand name	RTLS4000 with chirp technology
Technical Product Detail Page	SIMATIC RTLS
	<a href="https://i.siemens.com/1P6GT2700-6CE02">https://i.siemens.com/1P6GT2700-6CE02</a>
<b>radio frequencies</b>	
operating frequency	2400 ... 2480 MHz
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
<b>electrical data</b>	
type of voltage supply	Connection plug 16-pin, 10 to 30 Volt, max. 1.6 W
product component / backup battery	No
type of electrical connection / for external antenna(s)	RSMA female
<b>memory</b>	
type of memory	FLASH
data retention time / at ambient temperature < 40 °C / not less than	20 a
property of memory	Configuration memory
<b>mechanical data</b>	
material	FR ABS
color	grey
tightening torque / of the screw for securing the equipment / maximum	0.6 N·m
<b>ambient conditions</b>	
ambient temperature	
• during read/write access	-40 ... +70 °C
• outside the read/write area	-40 ... +70 °C
• during storage	-40 ... +70 °C
protection class IP	IP20
<b>design, dimensions and weights</b>	
width	138 mm
height	31 mm
depth	62 mm
net weight	125 g
fastening method	4 x M4 screws with countersunk head
<b>product features, product functions, product components / general</b>	
display version	3 LEDs
operator element version	16-pin connector WR-MPC4 for 5 DI (24 V), 5 DO (max. 250 mA), CAN bus, VCC 24V DC
<b>standards, specifications, approvals</b>	
certificate of suitability	EU conformity according to RED, RoHS, FCC, Canada ICES-003, motor vehicle registration E1 (ECE test symbol), railway approval: EN 50121, EN 50155, EN 45545
<b>accessories</b>	
accessories	WR-MPC4 16-pin plug with crimp contacts, antenna cable, antennas, 2 A fuse
<b>further information / internet links</b>	
internet link	
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>

- to web page: identification and localization systems
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://www.siemens.com/ident>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

### security information

security information

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### Approvals / Certificates

General Product Approval



[China RoHS](#)

[China RoHS](#)

[Manufacturer Declaration](#)

Radio Equipment Type Approval Certificate

Test Certificates

Railway

[Miscellaneous](#)

[inspection certificate](#)

[Confirmation](#)

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