

product type designation

Transponder RTLS4460T, Chirp

SIMATIC RTLS transponder RTLS4460T, chirp, IP20, for external antenna with RSMA, with 16-pole binder connector.



suitability for operation

RTLS4000 with chirp technology

Technical Product Detail Page

<https://l.siemens.com/1P6GT2700-6CE02>

radio frequencies

| | |
|---------------------------------------------------|-------------------------------------------------------------------------------|
| 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 |

electrical data

| | |
|---------------------------------------------------------|---------------------------------------------------|
| 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 |

memory

| | |
|----------------------------------------------------------------------|----------------------|
| type of memory | FLASH |
| data retention time / at ambient temperature < 40 °C / not less than | 20 a |
| property of memory | Configuration memory |

mechanical data

| | |
|-----------------------------------------------------------------------|---------|
| material | FR ABS |
| color | grey |
| tightening torque / of the screw for securing the equipment / maximum | 0.6 N·m |

ambient conditions

| | |
|-------------------------------|----------------|
| 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 |

design, dimensions and weights

| | |
|------------------|-------------------------------------|
| width | 138 mm |
| height | 31 mm |
| depth | 62 mm |
| net weight | 125 g |
| fastening method | 4 x M4 screws with countersunk head |

product features, product functions, product components / general

| | |
|--------------------------|-----------------------------------------------------------------------------------|
| 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 |

standards, specifications, approvals

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

accessories

accessories

WR-MPC4 16-pin plug with crimp contacts, antenna cable, antennas, 2 A fuse

further information / internet links

internet link

- to web page: selection aid TIA Selection Tool
- 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/tstcloud>
<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

Radio Equipment
Type Approval Certificate



[China RoHS](#)

[Manufacturer Declaration](#)

[Miscellaneous](#)

Test Certificates

Railway

[inspection certificate](#)

[Confirmation](#)

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