

product type designation

Transponder RTLS4460T, OEM CD

SIMATIC RTLS transponder, special RTLS4460T-based for CD, chirp, for external antenna with RSMA,



Figure similar

suitability for operation

RTLS4000 with chirp technology

product brand name

SIMATIC RTLS

Technical Product Detail Page

<https://l.siemens.com/1P6GT2700-6CE02-0AX0>

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
- outside the read/write area
- during storage

-40 ... +70 °C

-40 ... +70 °C

-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
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
accessories	
accessories	WR-MPC4 16-pin plug with crimp contacts, antenna cable, antennas, 2 A fuse
further information / internet links	
internet link	<ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool https://www.siemens.com/tstcloud to web page: identification and localization systems https://www.siemens.com/ident to web page: SiePortal https://sieportal.siemens.com/ to website: Image database https://www.automation.siemens.com/bilddb to website: CAx-Download-Manager https://www.siemens.com/cax to website: Industry Online Support https://support.industry.siemens.com
security information	
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Approvals / Certificates

General Product Approval	EMV
  	China RoHS Manufacturer Declaration 

Test Certificates

inspection certificate
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