



SIMATIC IDENT CB 4H Gate CMIIT for Tire. RFID UHF system with four antennas for the detection of tires with integrated RFID transponder on a conveyor belt. The system includes special acquisition software for tire detection incl. side detection, and the necessary RFID and automation components incl. HMI panel, control cabinet and metal structure.

| product type designation | |
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| Technical Product Detail Page | https://l.siemens.com/1P6GT2881-1AB04-2AB0 |
| radio frequencies of the RFID reader | |
| operating frequency | 920 ... 925 MHz |
| transmit power | 3 ... 2 000 mW |
| product functions management, configuration, engineering | |
| software version | <ul style="list-style-type: none"> with STEP 7 in the TIA Portal required for WinCC in the TIA Portal required |
| | SIMATIC STEP 7 Professional (TIA Portal) V18 SIMATIC WinCC (TIA Portal) V16 |
| protocol is supported | <ul style="list-style-type: none"> S7 communication TCP/IP |
| | Yes Yes |
| product features | |
| design of the display touchscreen | Yes; comfort panel (analog-resistive) |
| mechanical data | |
| material | <ul style="list-style-type: none"> of the frame of the panel support of the antenna support of the antenna of the control cabinet |
| | aluminum aluminum stainless steel Pocan sheet steel |
| supply voltage, current consumption, power loss | |
| supply voltage | <ul style="list-style-type: none"> at AC at DC |
| | 120 ... 230 V 110 ... 240 V |
| input voltage | <ul style="list-style-type: none"> at AC at DC |
| | 85 ... 264 V 85 ... 275 V |
| design of input wide range input | Yes |
| overvoltage overload capability | 300 V AC for 30 s |
| operating condition of the mains buffering | at U _e = 230 V |
| buffering time for rated value of the output current in the event of power failure minimum | 45 s |
| measurable line frequency | 47 ... 63 Hz |
| input current | <ul style="list-style-type: none"> at rated input voltage 120 V rated value at rated input voltage 230 V rated value |
| | 2.2 A 1.2 A |
| current limitation of inrush current at 25 °C maximum | 6 A |
| ambient conditions | |

| | |
|--|--|
| ambient temperature | |
| <ul style="list-style-type: none"> during operation during storage during transport | <p>0 ... 50 °C</p> <p>-20 ... +60 °C</p> <p>-20 ... +60 °C</p> |

design, dimensions and weights

| | |
|---------------------------------|--------------|
| width | 1.55 m |
| height | 2 m |
| depth | 1.2 m |
| net weight | 53 kg |
| fastening method | ITEM profile |
| wire length of connection cable | 1 m |

standards, specifications, approvals

| | |
|---------------------------------------|-----|
| certificate of suitability CE marking | Yes |
|---------------------------------------|-----|

further information internet links

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| internet link | |
| <ul style="list-style-type: none"> to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: RFID country approval to web page: identification and localization systems to web page: SiePortal to website: Image database to website: CAx-Download-Manager | <p>https://support.industry.siemens.com/cs/ww/en/view/109766358</p> <p>https://www.siemens.com/tstcloud</p> <p>https://www.siemens.com/rfid-approvals</p> <p>https://www.siemens.com/ident</p> <p>https://sieportal.siemens.com/</p> <p>https://www.automation.siemens.com/bilddb</p> <p>https://www.siemens.com/cax</p> |

security information

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Approvals Certificates

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