

deister electronic has developed a complete solution for the automatic identification of vehicles and other objects. The tranSpeed family includes all system components including transponders, readers, controllers, software and all necessary accessories.

These innovative tranSpeed products offer long range contactless identification using either the latest UHF or microwave technology. tranSpeed is ideal for car parking and the identification of buses, trains and trams as well as container tracking and logistics.

SIC1/SIC2/SIC3

The small and smart serial interface converters SIC1, SIC2 and SIC3 have been specially designed for use of the deister electronic's long range reader family i.e. TSU25DB or TSG60DB. Every SIC has an encrypted deBus protocol to the reader to secure the data integrity. On the output side to the Access Control System it has an industry standard or customized protocol.

Operation via RS485 interface using the deBus protocol allows a cable length of up to 1000 m from reader to interface converter, using only a 4 wire cable. This makes installation more convenient in applications where doors and barriers are far away from each other.

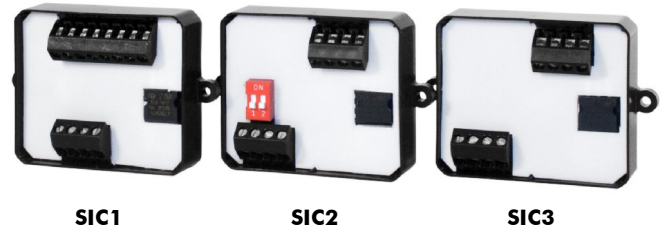
SIC1 converts RS485 deBus to Open Collector interfaces with Wiegand, Data/Clock, Magstripe protocol

SIC2 converts RS485 deBus to various customized RS485 protocol

SIC3 converts RS485 deBus to various customized RS232 protocol

Your benefits at a glance:

- **Data Integrity between Reader and SIC**
- **Converts to Customized Protocols**
- **Converts to Any Existing Access Control System**
- **Long Distances Cabling to Reader**
- **Easy and Quick Installation**



Technical Data

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|-------------------------------|--|
| Dimensions: | 59 x 41.5 x 14 mm (inch) W x H x D (2.32 x 1.63 x 0.55) |
| Protection Class: | IP20 |
| Operating Temperature: | -20 °C...+60 °C -4 °F...+140 °F |
| Relative Humidity: | 5...95 %, non-condensing |
| Power Requirement: | 10 ... 30 VDC / 40 mA |
| Interfaces: | SIC1: Open Collector SIC2: RS485 SIC3: RS232 |
| Protocols: | SIC1: Wiegand, Data/Clock, Magstripe; SIC2/SIC3: various bidirectional protocols |
| Electrical Connection: | terminal connectors with screws SIC1: 1x 8-pin, 1x 4-pin SIC2: 2x 4-pin SIC3: 2x 4-pin |