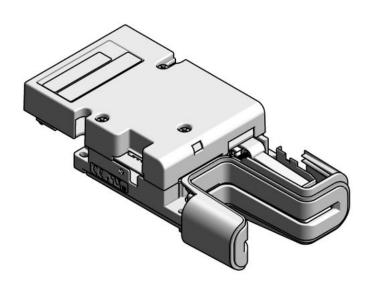
DN Series™ Dip Card Reader

Diebold Nixdorf

Operator Manual

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1 Introduction

1.1 Purpose

This manual describes the dip card reader, how to use it and basic maintenance procedures to be performed by the customer.

The location of the card reader might vary depending on the system. Refer to the operator manual for the system to locate the card reader.

1.2 Description

The DN Series[™] dip card reader is a manually operated device that is composed of a mechanical shutter, card slot and latch mechanism that accepts and reads ATM cards, with magnetic tracks 1, 2 and 3. The card reader can also read certain smart chip cards and memory cards.

- Insert the card horizontally, with the magnetic stripe down and to the right, short side first. For cards with a chip, insert the card with the chip up at the front edge of the card, short side first.
- A full mechanical shutter prevents foreign objects from being inserted, provides resistance to dust and water.
- The mechanical shutter opens instead of breaking if a foreign object, such as a coin, is forced into the reader. The shutter resets to normal operation once a card is inserted.
- No adjustments are required when the card reader is installed or for ongoing maintenance.
- The latch automatically releases during a power failure and allows the card to be withdrawn.
- The latch automatically locks to keep the chip card steady while the card reader is communicating
 with the chip card.
- The latch is released when the card reader is waiting for a card to be inserted or when a card is withdrawn.
- The latch is normally locked when there is no card inside of the card reader or when no card is expected to be inserted.



Pulling on a latched card might destroy the card or the card reader, and makes it unusable.

1.3 How to Use the Dip Card Reader

- Magnetic Track. The system prompts the user to insert a card into the reader and then withdraw the
 card. The consumer should insert and withdraw the card with a steady motion. The card reader can
 read the data on the magnetic stripe twice, once when the card is inserted and again when it is withdrawn, and then uses the best reading to process the transaction.
- **Chip Access**. Depending on the configuration determined by the financial institution, a card with a chip will be latched in place until the data can be accessed by the reader.

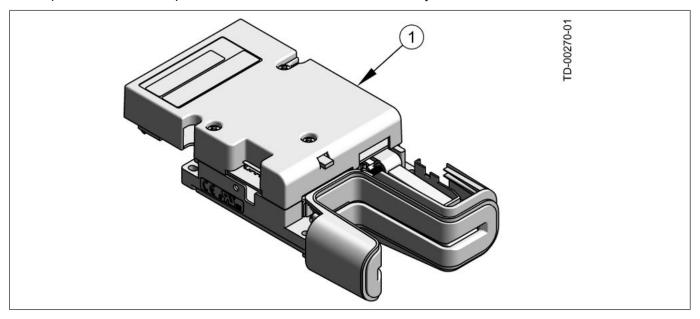


Figure 1-1: Dip Card Reader

1 Dip Card Reader

2 Safety

2.1 General safety instructions for the component



№ NOTE

Read this entire manual carefully in order to obtain a thorough knowledge with respect to the system and the components, in addition to their operation and maintenance.

Operate the system and the components correctly in accordance with this manual in order to avoid injuries and damage to the plant.

Keep this manual available and consult it for guidance when you are unsure about how to carry out one or another of the procedures.



Electrical voltage

Risk of fatal injury through contact with parts carrying electrical voltage! Switch the system off before performing any cleaning or maintenance tasks.

- Switch off the power switch for the power distributor.
- Switch off the UPS, if installed.
- Disconnect the mains connection, if installed, between the UPS (Uninterruptible Power Supply) and the system itself (see section "General power interruption" in the operating manual).
- Disconnect the connector of the power supply cable from the electrical socket installed by the building contractor.

Repairs



♠ DANGER

Repair work on the system or on the components may be carried out only by authorized specialist staff. Unauthorized opening of the system or repair work carried out improperly could result in considerable danger to the user. In case of noncompliance, excludes all liability.

3 Maintenance Procedures

Clean the dip card reader regularly with a head cleaning card.



CAUTION

Using anything other than the recommended cleaning cards can damage the card reader.

- 1. Use T/SOP to place the system in the maintenance mode. Refer to the *Technical Service and Operating (T/SOP) for ProBase/C and ProBase/J User Manual* for more information.
- 2. Insert the head cleaning card into the card reader as shown below.

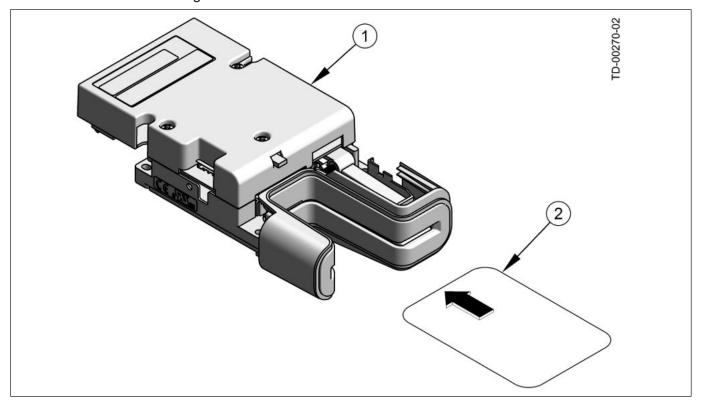


Figure 3-1: Cleaning the Dip Card Reader

1	Dip card reader
2	Cleaning card

- 3. Slide the cleaning card in and out of the card reader several times.
- 4. Use T/SOP to run the self test on the dip card reader.
- 5. After all maintenance is complete, use T/SOP to return the system to the normal mode of operation.

4 Supplies

For best performance, only use supplies purchased from Diebold Nixdorf. Supplies and accessories are fully guaranteed.

Shop for media and consumables through customer support at DieboldNixdorf.com.

Use the following supplies to service the card reader.

Supplies	Part Number	
Head cleaning card, Dip card reader	01750340744	

