



## DC22

Access Control

## Door controller for use with reader(s)

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- **Controls one door**
- **Works with a variety of card readers**
- **Relay outputs for alarm control, ASF**
- **Built-in display**

The DC22 is designed to monitor and control one door in a Vanderbilt Entro system. When BC-Link is used, a single DC22 can support two readers and thereby control both entries and exits to a restricted area (anti-passback).

The DC22 includes an integrated status display window to simplify installation and service. It is compatible with most third-party readers that support Wiegand and Clock&Data standards.

The major difference between the DC12 and the DC22 is that the DC22 has additional inputs/outputs that support advanced alarm control functions, e.g. alarm status feed-back (ASF). These are essential when integration with an intrusion detection system is required. The DC22 also has two outputs for electric locks (day/night lock) as well as separate inputs for open/closed and unlocked/locked door.

## Technical data

<b>DC22</b>	
Interface	To reader: BC-Link, Clock&Data (track 2) or Wiegand (26 bit, 32 bit, 8 bit burst) To segment controller: RS485 system com bus
Operating voltage	8 to 40 VDC, 8 to 30 VAC.
Power consumption	Without reader Power save 12V DC: 0.65 W Full on 12V DC: 1.38 W Power save 24V DC: 0.68 W Full on 24V DC: 1.41 W
Inputs	Exit button request with delay. Door contact for indicating closed/open door. Lock status sensor for indicating locked/unlocked door. Alarm bypass activating from a button or a timer. Alarm Status Feedback (ASF). Indication of alarm status (red LED)
Outputs	Voltage-free change over contact (lock relay), max. 2 A, 30V. Voltage-free closing contact (motorlock relay), max. 2 A, 30V. Voltage-free change over contact (alarm bypass relay), max. 2 A, 30V. Voltage-free closing contact (door held warning relay), max. 2 A, 30V. Voltage-free closing contact (pre-warning relay), max. 2 A, 30V. Voltage-free closing contact (alert relay), max. 2 A, 30V
Tamper switch	Integrated
Operating temperature	-35 to +50 °C
Environment	Indoor use only
Housing	Wall-mounted composite housing
Colour	White
Dimensions (W x H x D)	248 x 182 x 55 mm
Approval	CE

## Details for ordering

Type	Part no	Designation	Weight
DC22	V24246-C8503-A1	Door controller	0.7 kg

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