



DC22

Access Control

Door controller with alarm control functions

- 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 SiPass Entro or SiPass integrated 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 both with SiPass readers and 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 feedback (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

DC22	
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	S24246-C8503-A1	Door controller	0.7 kg

Issued by
Siemens Building Technologies
Fire & Security Products GmbH & Co. oHG
D-76181 Karlsruhe
www.buildingtechnologies.siemens.com

© 2009 Copyright by
Siemens Building Technologies
Fire & Security Products GmbH & Co. oHG
Data and design subject to change without notice.
Supply subject to availability.