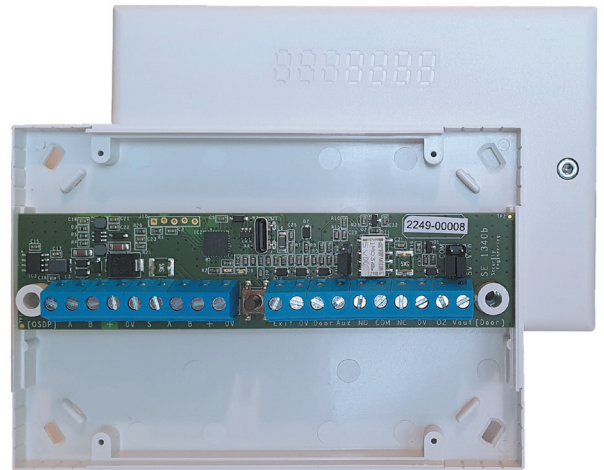


OSDP™ I/O Single Door SE 1340

3 x Input, 1 x Relay Output, 1 x OC Output



Functional description

The OSDP™ I/O Single Door module allows you to add extra inputs and relay output to an OSDP™ compatible controller.

A complete door environment can be connected to the OSDP™ I/O Single Door module:
Exit push bottom, Door status monitor, Lock status & Electrical lock.

The OSDP™ I/O Single Door module has the following connections:

- 1 x USB-C Device (2.0) interface for connection to a pc for update or configuration.
- 1 x Reader power output 5V / 400mA
- 1 x RS485 interface (Half duplex) for OSDP™ bus connection.
- 1 x RS485 interface (Half duplex) for OSDP™ card reader connection, Fused 500 mA.
- 3 x Digital inputs, Active low, reconfigurable for supervised inputs.
- 1 x Relay output with dry contact form C relays (NC, COM, NO), reconfigurable for wet relay (500 mA)
- 1 x Digital output with Open Collector 100 mA.
- 1 x Tamper switch.

Product versions:

SE 1340	OSDP™ I/O Single Door
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How to order

When ordering a product please specify: product number & configuration in the following manor:

Version	SE 1340	OSDP™ I/O Single Door
Configuration	SE 1340 SFN	Format ID: xx , Address: yy, Speed: 9600, 19200 or 38400
	SE 1340 FW	Firmware: 1.xx - OSDP™ firmware

Selecting functions

The firmware in the OSDP™ I/O Single Door module allows for different functionalities depending on the functions selected using the seucu.exe configuration software tool.

The auxiliary input can be configured for 3 different functions:

- Standard digital or supervised input.
- Fire exit input that drives door relay directly.
- RS 232 input for Optical reader connection.

On site configuration requires seucu.exe software, which is freely downloadable from www.securityengineering.dk

Visual indication

The OSDP™ I/O Single Door module has two LED's for visual indication.

When using the USB connection both LEDs will be permanently on to indicate bootloader mode.

At power on both the Red and Green LED will illuminate to indicate correct initialization after which they will turn off.

The green LED will turn on when powered and flash with communication on the RS485 bus.

The red LED will turn on when a power lower issue is detected.

Firmware

The OSDP™ I/O Single Door module can be firmware updated in field using the seufu.exe utility, which is freely downloadable from www.securityengineering.dk

Standard firmware supports OSDP™ with support for an optical reader with RS232 interface.

Firmware for other RS485 bus protocols can be made on request.

Data

Dimensions	Enclosure 88 x 131 x 28 mm (L x W x H) / PCB 125 x 30 mm
Color	White
Connection	Screw terminal with cable cage & USB-C Connector
Power input	9-30V DC / 20 mA @ 24V DC (Relay on but no external load)
Power output	5V / 400mA
Relay load	2A @ 30V DC
Temperatur range	-20°C -> 70°C (Non condensing)
IP Class	IP20
IK Class	IK06
Commodity code	8471.80.1000
Country of Origin	DK
ECCN code (US)	EAR99
Export list number (EU)	N