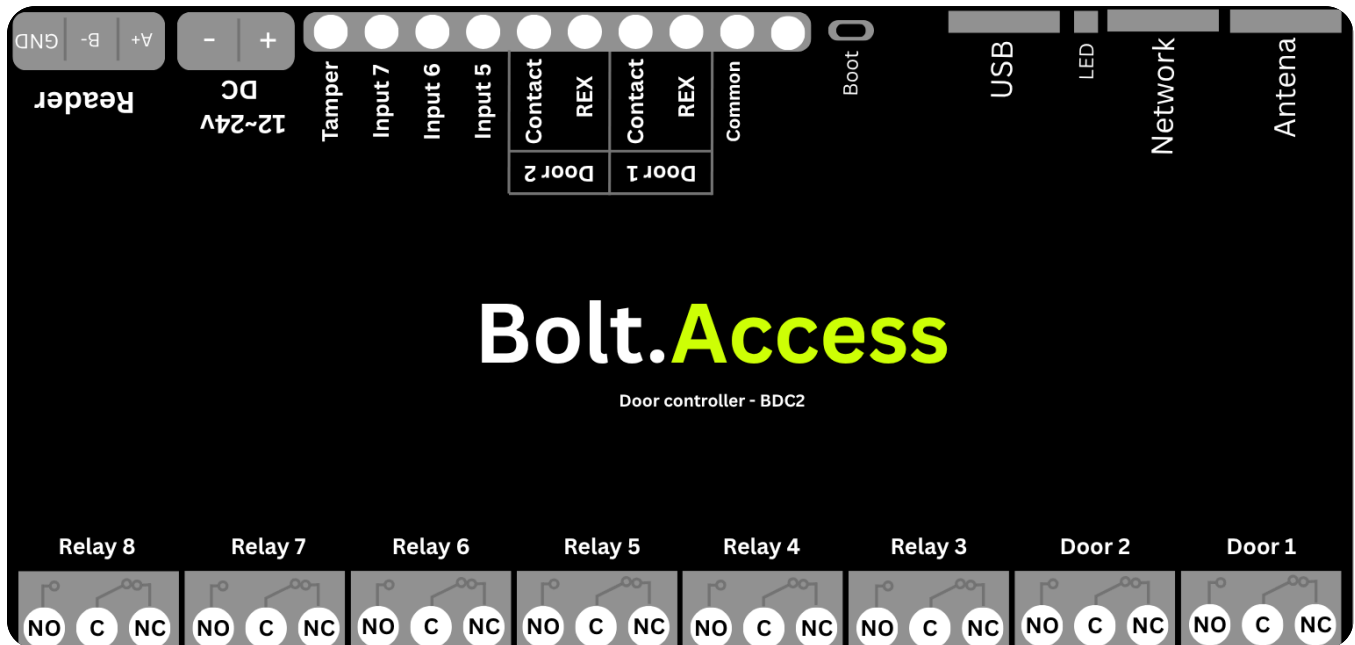


Bolt.Access BDC2

Terminals and wiring

BDC2



The terminal print on the unit. Top strip: reader bus, power and inputs. Bottom strip: eight relays. Labels below match the print.

Reader bus

A+	RS-485 A	OSDP readers
B-	RS-485 B	
GND	Ground	

Up to 4 OSDP readers (2 per door) share this bus.

Power

DC +	Supply positive	12-24 V DC
DC -	Supply negative	

Inputs

Tamper	Enclosure tamper
Input 7	General input
Input 6	General input
Input 5	General input
Door 2 Contact	Door 2 door contact
Door 2 REX	Door 2 request to exit
Door 1 Contact	Door 1 door contact
Door 1 REX	Door 1 request to exit
Common	Return for the inputs

8 inputs, opto-isolated.

Relays

Door 1	Door 1 lock relay	NO · C · NC
Door 2	Door 2 lock relay	NO · C · NC
Relay 3-8	Six more relays	NO · C · NC

8 relays, 5 A, dry contact. Each has normally open (NO), common (C) and normally closed (NC) terminals.

Also on the unit

Network	Ethernet uplink	Gigabit
Antenna	Wireless antenna	Bolt.Mesh
USB	USB port	
LED	Status LED	
Boot	Boot button	

Dry contacts. The relays switch; they don't supply lock power. Wire the lock supply through C and NO or NC.

Ethernet on one, mesh on the rest. The unit plugged into ethernet elects itself master; the others find it over Bolt.Mesh.

Questions on a job: boltaccess.tech/contact