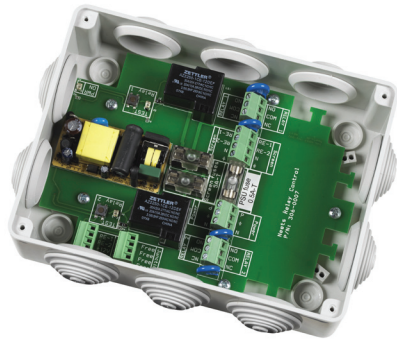


Neets Relay Boxes

2 and 4 Relay Boxes with Power Supply for Controllers



TWO-RELAY BOX (306 – 0007)



**FOUR-RELAY BOX (306 – 0008)
WITH RS-232**

HIGHLIGHTS

BOTH UNITS:

- **Direct screen control**
Dedicated connection mode for screen or projector lift.
- **High or low voltage**
Relays may be used for switching either high- or low-voltage.
- **Built-in 12 V power supply**
Supplies power to associated Neets controller.
- **Test buttons with LED status indication**
Enables testing of relay functions during installation.
- **Ceiling-mount enclosure**
Installs quickly and easily over drop ceilings.
- **Internal tabs for securing cables**
Allows tight, trouble-free terminations.

TWO-RELAY BOX (306 – 0007):

- **Two relays**
Assignable to screen mode or low voltage applications.
- **Two control inputs**
Connects to control outputs on Neets controller.

ADDITIONAL FEATURES ON FOUR-RELAY BOX (306 – 0008):

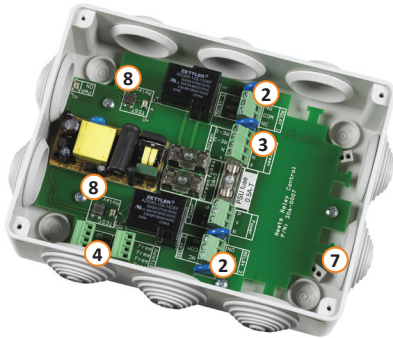
- **Four relays**
Assignable in pairs for either high voltage (screen mode) or low voltage.
- **RS-232 control**
Compatible with Neets controllers using the RS-232 control protocol.

SWITCHING CONTROL FOR AV SYSTEMS SIMPLE OR COMPLEX

Neets offers two relay boxes, each with a built-in power supply for powering the associated Neets controller unit. The two-relay unit is designed for basic applications when only minimal switching is required, such as the raising and lowering of a screen. Control is via dedicated inputs, one for each relay, accepting control signals from outputs on a Neets controller. Separate high-voltage relay connections are provided, as well as a dedicated “screen mode” connection. Test buttons are provided for manual activation of relays, with LEDs for indication of relay state (open or pulled).

The four-relay unit accommodates more complex applications, such as simultaneous operation of a projector lift and a screen. Two relays can be connected as a pair for “screen mode.” The relays are controlled through dedicated inputs or via the RS-232 connection. Multiple four-relay boxes can be linked to the same controller via RS-232, allowing control of complex systems that also incorporate architectural lighting, room-darkening curtains, or other associated devices.

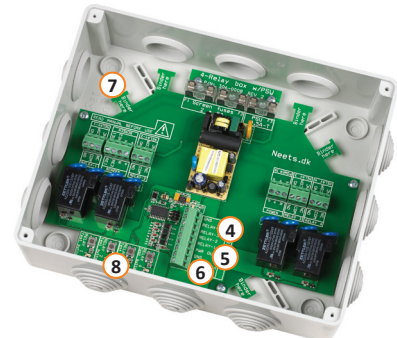
Neets Control - Relay Boxes – 2 and 4 Relay Boxes with Power Supply for Controllers



TWO-RELAY BOX (306 – 0007)

CONNECTIONS AND FEATURE KEY:

- ① 230 V power input
- ② Relay connections
- ③ “Screen mode” relay connections
- ④ Control inputs
- ⑤ Power supply output (to controller)
- ⑥ RS-232 input
- ⑦ Tab for securing cables
- ⑧ Test buttons and LED indicators



**FOUR-RELAY BOX (306 – 0008)
WITH RS-232**

TECHNICAL SPECIFICATIONS

TWO-RELAY BOX (306 – 0007):

POWER SUPPLY:

230 VAC

RELAY LOAD MAX AC1:

1150 Watt

RELAY LOAD MAX AC15 (230VAC):

500 Watt

RELAY SINGLE-PHASE MOTOR RATING (230 VAC):

370 Watt

RELAY MAX VOLTAGE:

230 VAC

RELAY FUSES:

5 A / 230 VAC

POWER SUPPLY FUSE:

0.5 A / 230 VAC

CONTROL INPUTS:

Active when connected to ground.

POWER SUPPLY OUT (FOR CONTROL SYSTEMS):

12 V DC, 400mA

MAXIMUM SCREEN WIDTH:

2.5 m

FOUR-RELAY BOX (306 – 0008):

POWER SUPPLY:

230 VAC

RELAY LOAD MAX AC1:

1150 Watt

RELAY LOAD MAX AC15 (230VAC):

500 Watt

RELAY SINGLE-PHASE MOTOR RATING (230 VAC):

370 Watt

RELAY MAX VOLTAGE:

230 VAC

RELAY FUSES:

5 A / 230 VAC

POWER SUPPLY FUSE:

0.5 A / 230 VAC

CONTROL INPUTS:

Active when connected to ground.

RS-232 COMMUNICATION:

9600 baud rate, 8 bit, 1 stop, none parity

POWER SUPPLY OUT (FOR CONTROL SYSTEMS):

12 V DC, 400mA

MAXIMUM SCREEN WIDTH:

2.5 m

Please note: Neets Relay Boxes carry high voltages and must be installed by authorized personnel. Neets takes no responsibility for the consequences of unauthorized installation.

